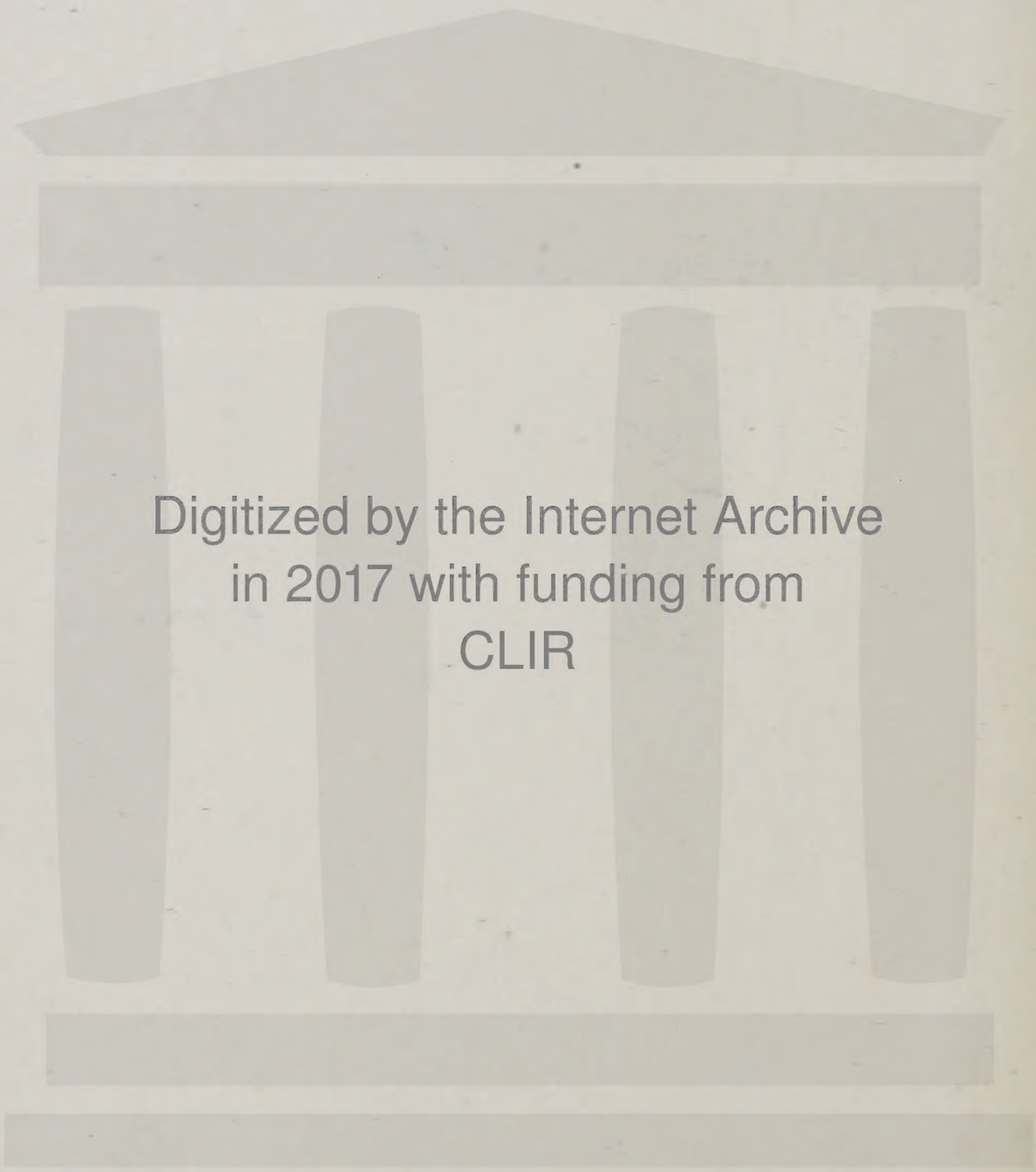
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Oological and Ornithological

Notes. —

Oscar P. Silliman. —

For brevity I have substituted the A. O. U. No.
instead of the names of some of our
common birds.

A question mark placed near the name of a species signifies that I am not positive of the identification of the birds. A line drawn through the name of a bird signifies that the identification was incorrect.

Ecological and Ornithological Notes.

With Regard to Dates - Number of Eggs in Sets - Influence of the Weather upon Bird Migration - Number of Broods Reared - etc.

These notes have been copied and revised from other books in which I have kept the daily or occasional notes ~~I took~~ which I have kept heretofore.

Oscar P. Billiman.
Castroville
Calif.

Dec - 24 - 1898.

1893.

Watsonville - Locality - near Pajaro River.

Dec-23rd Am. Crow. 1.

Dec-24. 15 Killdeers. Weather raining.

Dec-25. Weather raining.
1. Red-shafted Flicker.
Band-t Calif. Bush-Tit.
Western Meadowlarks (common)
Black Phoebe - 1. 2
Coots (common)
Brewer's Blackbirds - flocks -

Dec-26. Western Meadowlark - several. -
Killdeer - one. -
Black Phoebe - one. -
Brewer's Blackbirds - flock. -

Dec-27. Killdeers - nearly 100. -
Gt. Blue Heron - one. -
Red-shafted Flicker - common -
Cal. Bush-Tit - one. -
Black Phoebe - one -

and the land bordering river banks.

Dec-28. Western Meadowlark - flock. — 3.
Calif. Shrike - one. —
Say's Phoebe. - one. —
Golden-crowned Sparrow. - one —
Ruby-crowned Kinglet. - two - -

Dec-29. House Finch. - one. -

1894

Jan-29. Red-shafted Flicker — one. - 4.
Ruby-crowned Kinglet - several. -
Kingfisher. - one -
sp-(?) Gambel's Sparrows - many. -
Wren Tits several. -
Blackbirds - common. —
Western Robins. - two. -
Am. Coot - common —
House Finches. - common. —

Jan-30. Goldfinches. two -
Audubon's Warbler - common. —

1894.

Feb-3. Bush-Tit – many. – 5.
Dessert Sparrow Hawk. – one. –
Western Meadowlark – common. –
Red-shafted Flicker. – several –

Feb-4. House Finch. – in song. –
Weather Summery.

Feb-5. Wet and cloudy. – 6.
Red-shafted Flicker – two. –

Feb-7. Robin – one. –

Feb-8. Wet and rainy.
House Finch.

Feb-10. Fine weather.
House Finch.

Feb-12. Fine in morning – cloudy in evening.
Gambel's Sparrow. —
(21) Song Sparrow. —

Black-headed Grosbeak. —
California Towhee. —
California Thrasher —
House Finch. —
Calif. Bush-Tit. —
Grebes - two. —
Audubon's Warbler. —
Red-shafted Flicker. —
Brewer's Blackbird. —
Western Meadowlark. —
Dessert Sparrow Hawk. —
Spurred Towhee. —
Black Phoebe —
Wren Tit. —

Feb - 17 Red-shafted Flicker. —
Brown Lark. — (Titlark.)
Calif. Towhee. —
House Finch. —
Brewer's Blackbird. —
Western Meadowlark. —
Dessert Sparrow Hawk. —

1894. (2) Song Sparrow. –

Feb-21. House Finch – band. –
Red-shafted Flicker – several. – 8.
Robin. – one. –
Gulls – band. –
Western Meadowlark – a few. –

Feb-30. Western Robin – several. –
Barn Owl. – one. –
Gambel's Sparrow. –
Audubon's Warbler. –

Mar-3. Golden-crowned Sparrow. –
House Finch. –
Gambel's Sparrow. –
Nest of Calif. Thrasher. – 9.

Mar-4. Calif. Thrasher. – nest of one egg. –
Calif. Cuckoo. – last year's nest 5 or 6 spoiled eggs.
Gairdner's Woodpecker. – one. –

Mar-7. Set Calif. Thrasher. -

Mar-17. Set of Hummer. - 10
Calculated Warbler - one. -
Goldfinches (Mar-16.) band of 20 or 30. -
Crow - one heard. -
Red-shafted Flicker - two. -

Mar-19. "Divers" - ten. -
Audubon's Warbler's. - one. -
Goldfinches - common. -
Coots - common. -
Calif. Towhee. -
Spurred Towhee. -
House Finch. -
Gambels Sparrow -
(2) Song Sparrows. - 11
Wren Tits. - a few. -
(2) Swallow - 1st seen. -

Mar-20. Rufous Hummer - set 1/2 -
Crow - one heard. -

1894. Pileolated Warbler - two. -

Mar-23. To and from Salinas - day pleasant.
Bush-Tit. -
Crow. -
Calif. Jay. -
Calif. Shrike. -
House Finch. -
Ducks. -
Coots. -
Wren Tit. -
Calif. Thrasher. -
Gambel's Sparrow. -
Brewer's Blackbirds. -

Mar-31. Pileolated Warbler - 12.
Russet-backed Thrush - 1st seen.
House Finch nest & set. -

Apr-7. Am. Barn Owl - set 1/5.

Apr-9. Cala. Bush-Tit - 1/8. 13.

1894.

April-12. Calif. Thrasher - incomplete set. -

April-14. Calif. Bush - Tit - sets 2/8 - 3/8 - 4/7 - 5/7.
Pileolated Warbler - nest. -

~~Apr~~

April-19. Calif. Bush - Tit - 6/7 -
Calif. Thrasher - 2/3, & 3/3. -
Russet-backed Thrush - heard.

April-21. Pileolated Warbler - 1/4.
(2) Hummer - 1/2. 14
Calif. Thrasher. - 4/3.
Brewer's Blackbirds - 1/5 - 2/6 - 3/5 - 4/5 - 5/5.
Calif. Shrike 1/6. -

April-25. Calif. Bush - Tit - 7/7.
House Finch - 1/5 - 2/5.

April-24(21) Song Sparrow - 1/4.
Spurred Towhee - 1/3.
Pileolated Warber. 2/4.

9.
1894.

Apr-28. Wren Tit - 1/3.
(12) Song Sparrow - 6/3.
Calif. Thrasher - bird sitting on one fresh egg. - 13
Russet-backed Thrush - common. -

May-1. Sand Hills - Monterey Co. near Kirby Place. -
Weather pleasant.
Spurred Towhee - 2/4.
Cal. Bush-Tit - 5 singles -
Western Meadowlark - 2 singles. -
Turkey Vultures - common. -
Lutescent Warbler - nest, young and parent. -
Calif. Jay - building. -
Brewer's Blackbird - building. -
Tule Wren - building in abundance. -

May-4. House Finch 2/5 - 1/4. 16.
Calif. Thrasher - 1/4.
Calif. Towhee - 1/3.
Hummer - 1/2.
Wren Tit - 1/4.

1894.

May. 5. Western Yellowthroat - 1/4.
(2) Song Sparrow - 3/3.
Calif. Towhee - 2/3.

May. 6. House Finch - 7/4.

May. 8. Gambel's Sparrow - 1/3.
(2) Song Sparrow - 4/3.
Spurred Towhee - 4/4. -

May. 9. Brewer's Blackbird - 10/5 - 11/5 - 12/5 - 13/5 - 14/5.
House Finch (nest.)
Swallows not building yet. -

May. 12. Yellow Warbler - 1/4.
Hummer - 4/2.
Caleolated Waribler. - 4/4.
House Finch - 8/5 - 9/5 - 10/5. -
Spurred Towhee - 6/4.
Wren Tit - 3/4.
Arkansas Goldfinch - 1/5. -
Spurred Towhee - 6/5.

11.

1894.

Wren Tit - 3/4.
Arkansas Goldfinch. - 1/5. -
Spurred Towhee - 6/5
House Finch - 1/5.
Gambel's Sparrow - 2/3. -
~~Ara~~(?) Goldfinch - 1/5. -
Calif. Towhee - 3/3. -
Song Sparrow - 3/4.
Arkansas Goldfinch - 2/5.

May-13. Cal. Partridge - 1/1.

May-19. Wren Tit 4/5. Ark. Goldfinch - 3/5.
Black-headed Grosbeak - 1/3. Calif. Thrasher - 1/2.
Cal. Towhee - 1/3. Ark. Goldfinch - 5/5 - 6/5 - 7/5 - 8/3.

May-20. Spurred Towhee - 1/3.
Black-headed Grosbeak - 2/4.

May-21. Arkansas Goldfinch. - 2/5.
Pileolated Warbler - 1/4.

1894.

Sept. 21. Killdeers. Kinglet.

Sept. 28. Great Blue Heron two. -

Sept. 30. Very rainy.
30 Cliff Swallows.

Oct. 11. Great Blue Heron sitting on fence.
Red shafted Flickers - common. -
Western Meadowlark - common. -

Oct. 20. - Audubon's Warbler. - two. -

19.

Oct. 27. Road to Loma Prieta and Santa Cruz & return
Weather pleasant. -
Woodpeckers - large - black -
Audubon's Warblers - flock. -
Gambel's Sparrow.
Golden - crowned Sparrows. -
(2) Song Sparrow. -
Western Red - Tail.
Desert Sparrow Hawk.

1894.

Red-shafted Flicker.-
Black Phoebe.-

Oct-28. Audubon's Warbler.-
Calif. Towhee.-
Black Phoebe.-
Kingfisher.-
~~Mexican Horned Lark.~~ Probably Am. Pipit.
Western Meadowlark.
Gambel's Sparrow.-
Golden-crowned Sparrow.-
Am. Coot.-

Nov-11. Arkansas Goldfinch-2 weeks ago-large flock-2C.
Western Meadowlark.
Hummer sitting on house top.-
Audubon's Warblers-common.-
Brewer's Blackbirds-common.-
Belted Kingfisher.
Black Phoebe.-
Say's Phoebe.-
Calif. Shrike.-

House Finch.
~~Horned Lark.~~ -
Golden-crowned Sparrow. -
Gambel's Sparrow. - 21.
Dessert Sparrow Hawk. -
Hummingbirds (several. -)
Great Blue Heron. -

Dec-15. Audubon's Warbler. -
Ark. Goldfinch. -
Wren Tit.
West. Ruby-crod. Kinglet. -
(2.) Song Sparrow -
Gambel's Sparrow. -
Gold-crod Sparrow. (quite scarce) -
West. Robins. -
Brewer's Blackbirds Springly and in flocks. -
Black Phoebe. - Say's Phoebe -
West. Meadow Lark. - West-Red-Tail.
Red-shafted Flicker -
Calif. Jay - ~~Mex. Horned Lark.~~
House Finch. - (2.) Calif. Partridge

– 1895. –

Locality – upper end of Pajaro Valley at foot

1895.
Jan- 13. White-tailed Kite - pair. – 22.

Jan- 18. Hummer, one. –
Audubon's Warbler - several, ~~last Thursday.~~

Feb- 3. Audubon's Warbler. – common. – 23.
~~Mexican Harmec Lark – common.~~ –
Calif. Jays - ~~two~~
Hawk – building. –
Gulls - common –
Ducks - do. -
Killdeers - do -
Cal. Towhee - do. –

Feb- 5. Gairdner's Woodpecker - one. –
Weather not so stormy.

Feb- 14. Audubon's Warblers – many – 24.
Kinglet - one. –
Wren – one. –

Feb- 28. Crow heard.

of Santa Cruz Mts. and river bottom near town.
1895.

Western Robin heard. —
Audubon's Warblers — common.

Mar. 3. Audubon's Warbler. — 510 - 458 - 554 b.
Say's Phoebe. — (2) 581 c - 743 a, 591 b.
Golden-crowned Sparrow. — 710 - 501 b.
Western Red-tail. — 588 a. 594 a.
Dessert Sparrow Hawk.
Turkey Vulture
Dwarf Hermit Thrush (probably.)
Red-shafted Flicker. —
Great Blue Heron. All these noticed. 25.

Mar. 13. Junco — 2 large flocks seen —
Hawk — nesting gulch in mountains —
Black Phoebe — building.
Audubon's Warblers — common — 26.
Sparrows — Goldfinches. } common
House Finches — Jays
Blackbirds — Hawks
Bullock's Orioles several seen. —
Western Robin. several.

17.
1895.

English Sparrow - 1st seen out of town - This was 2 miles East of Wille - several
Barn Owl - 1st given me - set 1/61 - said to be

Mar-27. Western Red-tail - 1/3. - 27.
Calif. Screech Owl - nesting. 28.
Cal. Bush-Tit - do. -
2 Black Phoebe - do. -
Dessert Sparrow Hawk - do -
Calif. Jay - do. -
1 Woodpecker - do. -
Calif. Swallow - many - have been here 2 weeks.
Western Robins - seen 10 days ago.
2 Calif. Chickadee - building -
Bullock's Orioles - common - 29.

Apr-6- Black Phoebe - 1/4 hatching. -

Apr-6. Tree Swallows - building - 30
Red-shafted Flicker - building. -
Wrens - several - 32.
481 - 591/2 - 743a - 294a - 710 - 741a - 413 - 510 - Plen - 33.

1895.

Black, Phoebe - nest - 1 egg. -
Gambel's Sparrow - very common. - 34.
Meadowlarks - common. -
Desert Sparrow Hawk. - occasionally seen -
Turkey Vulture - do. -

Apr. 8. Rufous Hummer - set 1/2 - 35.
Cedif. Bush - Tit - building. -
~~Horned Larks~~ - seen.
Pileolated Warbler, - seen and heard. - 36.
(2) Partridge - band. -
Hummer - several. -
Chickadee -
Orioles - a great many Os. -

April. 9. Warbler - set 1/5. - 37.
Coots - band. -
Brewers Blackbird - building 4 nests. - 38.
House Finch - do - one nest. -
273 - a pair -, 743a, 741a several seen. -
Wren - one. -

1895.

April-14. Black Phoebe - 1/4 39.

Parkmanni Wren. 596b - 443a - 40.

Anna's Hummer. - 601b, 458. -

Plain Titmouse - six young in nest. -

Calif. Chickadee - set six incubated eggs.

Tree Swallow - 1 egg - 43.

Great Horned Owl. - one. -

Western Red-tail. -

Turkey Vulture. - several. - 44.

Apr. 15. Calif. Chickadee (nest with young)

Calif. Bush-Tits (3 - 1 with eggs - 2 with young.)

Pileolated Warbler (set 2/4.) 45.

(?) Song Sparrow (nest of 3 fresh eggs)

~~Horned Larks (numerous)~~

Wren Tits - do.

Bush Tits - do.

Hummers - do.

Dessert Sparrow Hawk - one -

Woodpecker - one.

Calif. Thrasher - nest building. 46.

House Finch - nest and young -

Apr-18. Russet-back Thrush - 1st one heard. 47.
Black-headed Grosbeak - one heard.
(?) Song Sparrow - set 1/3 - 2/4 -
Wren Tit - 1/4.
Blackbird's nests with eggs - set 1/5 -
Bullocks Orioles - common.
Goldfinches - do.
Black Phoebe - nest with young ready to fly.
Ducks - two seen.
Killdeers - several.
Great Blue Heron - one.

Apr-21. Calif. Chickadee - set 1/5 -
Calif. Thrasher - set 1/3.
510 - 519 - 530 - 612 - 591 b. - 588 a. - (?) 581 cord, 742, 48.
413, 741 a - 743 a - 721 a - 557 - 537 b - seen also
birds mentioned on Apr - 6. th. - (?) 294 a; 337 b;
325 - also seen -

Apr-25. Brewers Blackbirds (sets 1/5 - 2/5 - & 3/6) 49.
Pileolated Warbler - sets 3/4 - 4/4 - 5/5 -
(?) Song Sparrow - 3/5 - 4/4.

1895.

Calif. Bush-Tit.
(?) Warbler - set of 5 eggs like Cliff Swallows.
Brown-Towhee all not to set. -
Crows - a great many seen and heard. - 50
Orioles - abundant & especially ♂ ♂. -

Apr. 27. Wren Tit - set 2/5 - 3/4.
Calif. Towhee - set - 1/4. 51.
(?) Song Sparrow - set 5/3.
Pileolated Warbler - set 6/4 incubated

May - 11. Between this and last date. -
(?) Song Sparrow - set - 6/3. - 7/4. - 8/4
Calif. Thrasher - 2/2 3/3 - 4/3.
Pileolated Warbler - 7/4. - 8/4.
Spurred Towhee - 1/4.
Wren Tit - 4/4 - 5/3.
Rufous Hummer - 2/2 -
Calif. Jay - 5.
Brewer's Blackbird - 4/5 - 5/5 - 6/5.
Black-headed Grosbeak - 1/4.
Calif. Towhee 2/3.

Calif. Purple Finch. probably-
Gairdner's Woodpecker - set 1/s - 52.
Black-headed Grosbeaks - several ♀s.
Bullocks Orioles - several.
Arkansas Kingbird - do.
Hummers - 3 nests - 2 with sets - & 1 young)
Red-shafted Flicker — common -
Goldfinches. common -

May - 19. Black Phoebe set of incubate eggs - 53.
Black Phoebe (set 2/s.)
Arkansas Goldfinch - 1/s.
Calif Towhee 3/4.
Blackbird - young of year flying. 54
Wrens - young flying about.
Sparrows - hard disbanded -

May - 24. Lake - E of Wivile -
(2) Bicolored Blackbird - 1/4.
(?) Song Sparrow - 9/4.
Calif. Towhee - 1/4.
Russet-backed Thrush - 1/4. 55

Western Yellow throat - several seen - 56.
Am. Bittern.
Coots - several.
Ducks - pair.
Great Blue Heron - one.
(?) Bicolored Blackbird - 2 flocks seen - several seen in 1894 57.
Birds seem to be very common.
Western Chipping Sparrow - set 1/4. 58.
Mourning Dove nest & young. - 59.
Burrowing Owl - 2 seen. 60.
Western Meadowlark - several.
Desert Sparrow Hawk - a pair.
(?) Quails - very tame. 61.
Brewers Blackbirds building 2nd nest. - 62.
Lazuli Bunting (nest & 2 eggs.
Gambel's Sparrow - very few seen - 63.
Buntings - several seen.
Orioles - common. 64.

May 26. Parkmanni Wren - nest & eggs probably -
Turkey Vulture - one seen - 65

Aug. 10. 447 - 360a - seen lighting -
591b. seen in pairs. 66.
Black Phoebe - family of them seen -
Arna's Hummer - seen twice - 67.
530 - 519 - 510 - 591b. common.
Am. Barn Owl - flying about in evening 68.
(2) Valley Quail - family seen -
Western Red-tail. common - also - 325 -
Woodpecker ~~Probably Red.~~ 70.
Water Tits. several seen.
481 - 721a - 612 - 501b. - 316 - (?) 29 - 4a - several seen.

Aug. 16. 570 - lark band - 447 several - 622 - one. 71.
596 - 481 - 316 - found dead.
Sparrow-hawk - 581 cord occasionally seen. 73.
Fly catchers - pair seen. 74.
588a, one seen.

Aug. 19. West. Red-tail - one heard at 7 P.M. 75.
House Finches - band of 8 or 10. 76.

Aug. 22. Brewer's Blackbirds - many thousand in band)

25.
1895.

Flycatcher - probably Alder - 80.
Woodpecker - one heard.
530 & 519 seen in small bands.

Aug. 24. (?) 294a. band of 2 dozen. 325 - 5 seen. 438 seen
501b. seen - 413 heard - 458 - pair seen - 81.
591b. & 710 - seen - 360a heard.

Aug. 26. 325 - 5 seen - Probably something dead.

360a. - 316 - seen.

Aug 29. 360a. pair seen, 337b. several seen -
591b. several seen in pairs.
510. large flock. Perhaps other species also.
Small Sandpipers seen in bands along river.
Kingfisher - one seen.
Green Heron - Ithink I saw one near river.
273 common. 194 seen - 613. seen

Aug-30 - 1 Heron seen again - species ?.

Blackbirds seen in immense flocks.
337b. 360a. 591/2b., 273, 325, (2) 294a (half grown
every) 458. several of each seen -

Aug. 31. 325. flock seen this A.M. sitting - wings spread.
360a. heard.
Blackbirds immense nos. seen in corn field.

Sept. 2. Desert Sparrow Hawk. two pairs.
(2) Partridges. band 3/4 grown.

Sept. 12. Sky cloudy yesterday - Rain in P.M.
Blackbirds in flocks several species.
622a, 360a, & 81, Plain Tit (probably),
several of each seen.
Covey of young & parents - 294a. (12)

Sept. 21. Golden-crowned Sparrow - 1st seen.
Gambel's Sparrow. 501/2b. a few seen.
458 - a pair seen - 591/2b. usual number.
Calif. Shrike seen - 612. large numbers seen
332 1/2b. & 325 - not so common as before.

1895.

Sept. 27. Say's Phoebe - 1st seen this ~~year~~ fall - seen 2 days ago.
554 b. & 557 common. 4 13 seen at close range.
591 b. in pairs and asocial. 622 b. seen today.
530 x When seen.

Oct. 9. Audubon's Warbler - 1st seen 4 or 5 days ago.
Many are present now.
Western Bluebird - a number seen.
Western Red-tails - several.
554 b. & 557 common. 360 a. several seen.
Blackbirds common.
Calif. Chickadee several.
Wren Tit: one seen - 591 b. common.
458. pair - one Say's Phoebe.
West. Meadowlark - common.
Calif. Shrike - in song.

Oct. 15. Red-shafted Flicker - seen at close range
742 heard,
Western Blue Bird - 3 seen.
Audubon's Warbler, common -
458 - a pair and - one Say's Phoebe -

1895.

Sparrows, Blackbirds, 530, 591 ; 481, common.
Calif. Shrike - one seen - 742 - common.
337 , 360 ; 325 seen -
Woodpecker - near of undetermined com.
Audubon's Warbler - several -
501 , 581 com, Blackbirds - flock seen in streets
of Watsonville.

Oct-20. 557 - 554 , 413, 656, 481, 742, 458, 457, 581 com.
591 , 273, all seen in greater or less numbers.
Weather cloudy and raining.
Western Meadowlarks - abundant.

Oct-29. Red-shafted Flicker near of comon the oaks.
Blackbirds in flocks -, several species.
Western Meadowlark in large flocks.

Nov-17. (?) Quails - band seen yesterday.
Crow - heard this A.M.
Western Bluebird - seen in band.
Blackbirds & Sparrows - common also rose.
501 , 413, 656, 591 ; 710 - (1 seen) 579.

29.

1895.

Notes from this date taken at

Dec. 3. 622b., 360a., Brown Lark, common.
White-tailed Kite- 2 seen.
Blackbirds- common.
Crow- abundant.
Turkey Vulture- several.
Am. Coots- common.
273, 656, 337b, 581 cord. seen.

Dec. 7. White-tailed Kite- one - 360a. 581 cord.
Western Red-tail- two. - 554b. 501b.
Am. Titlark- several. 622b., 656.
Am. Coot - do. 519, 530.
Crow - do. 194, seen.
Rail. species?.
Burrowing Owl.

J.

Castroville, Monterey Co., unless otherwise stated.

1896.

Jan-2. Marsh Hawk - I think it is this species.
Rail.
Crows.
Coots. (in large flocks sometimes)
Am. Pipits!
Gule Wrens.
Shrike.
Audubon's Warbler - several.

Feb-3. Gulls - large nowmbers feeding on worms etc.
Brewer's Blackbirds } common
Bicolored do }
Am. Titlarks - do.
Am. Crows - a few seen.
Gambel's Sparrow - common in weed patches.
Golden-crowned Sparrow - do.
Killdeers - seen today.
Marsh Hawk - one seen often.
(2) Red-bellied Hawk - do oftener than Marsh
Am Coots - seen in sloughs.
Calif. Brown Pelican - seen flying along beach

1896. (?) Song Sparrows- seen.
Audubon's Warbler- seen two weeks ago.
Desert Sparrow Hawk- occasionally seen.
510- 554b., 557, 697, 488, & Gulls- have been seen.

Feb-21. Birds scarce.
Swallows- several seen.
697- 501b, 510, 360a; 488- (a few) and large bands of Gulls seen.
House Finch- in full song.

Feb-29. Gulls- in large flocks following plows-
Principally Cal. Hlinik, many young.
Blackbirds- flocks- 10 to 40. 510 & Bicolored.
697, 501b; 509- common.
554b. & 557, 360a, 221, common.
Am. Barn Owls- 3 seen in old barn by M. G.S.)
Great Blue Heron- heard.
Calif. Thrasher- one seen near barn

Mar-13. Ducks & Geese have been seen.

Gulls - common.

488, 510, 697, common.

Western Savanna Sparrow - common.

554b, 557, 581 cord, common.

Swallows - 200 more seen.

273 - 221, 516. common.

Black Phoebe - occasionally seen.

Great Blue Heron - one seen.

Goldfinch - one seen.

~~Swallows~~ - 200 more seen.

House Finch, several -

Desert Sparrow Hawk - do.

Tule Wrens - do.

Mar - 29. Barn Swallow - one seen.

Cliff " - seen on 2 or 3 occasions.

Am. Titlarks still common.

Western Savanna Sparrow - common

Feeding with Titlarks.

488, 510 & Gulls - common.

519 & 530 may occasionally be seen.

Hawks - one or two seen.

1896.

501½ & 360a. not so common.
House Finch - building in 458 nest.
221 - several - 194 - one -

Apr-3. Am. Titlarks - still common flock - 50.
Turkey Vulture - seen occasionally.
Western Savanna Sparrow - common.
Ducks - 2 seen prabably ♂ & ♀.
Calif. Gulls - common.
510 & 488 - 519 - 501½ (one), 530 (a few), 508, 612
and Sparrow - seen

Apr-4. Gulls - many.
Am. Titlarks - a few.
Am. Coots - several.
Western Savanna Sparrow - a few.
Crow - heard.
Killdeers - seen.

Apr-11. Calif. Gulls - large flock.
Am. Titlarks - several seen.
510 & Bicolored - common.

wrong place -

1896.

Apr-8. (Tramp towards Monterey & Salt Lagunes.)
Ducks - 2 species - one Ruddy.
Calif. Bush Tit - building - with young
" " " - nest & 6 Eggs - nest & 7 Eggs.)
Several Wrens - 7/0 - Sparrows - 5/0 - 5/0 b. - 294a
(a few), Gulls - 221 - 488. seen -

Apr-9. Calif. Thrasher - set 1/3.
Gull - seen eating dead Jack Rabbit
588a; 433, 33 b. 579, seen.
Western Yellow-throat seen.
Killdeer - one seen -
Wren Tit - one seen -
Goldfinches seen -
Calif. Chickadee seen.

Apr-21. Am. Pipits - individuals seen - no flocks.
Western Savanna Sparrows - common.
Brewers Blackbird - common in flocks.
Bicolored Blackbird - common in flocks.
Crows - common at times.
Hummers - many seen.

35.
1896.

House Finch - 3 nest - 1 with young in barn.
1 with 5 fresh eggs - 1 with 3 fresh eggs.
Gambel's Sparrow - common but less so than before.
Goldfinches. pair seen today.
6/2 & 6/3 - common.
Calif. Gulls - common.

Apr - 25. Curlew - one killed on beach.
Least or Wm. Sandpipers killed from flock.
Snowy Plover - common along beach.
Cormorant - 2 found dead on beach.
(?) Albatross - I think it is found dead on beach.
Gulls - common.
Am. Pipits - do.
(?) Song Sparrows - do.
Western Savanna Sparrows - do.
Barn Swallow - building.
House Finch - common.
Brewers Blackbird - common.
Bicolored .. - do.
West. Meadowlark - 1 seen today.
6/2 & 6/3 common.

May 9. Least Tern - seen in numbers -
Western Savanna Sparrows - common.
Killdeers - a pair seen often.
Curlews seen in flocks about May 1.
Blackbirds - common.
Barn Swallows - common.
Cliff Swallows - do.
House Finches - nesting plentifully.
Small Sandpipers - common.

July 8. Blackbirds - seen in large flock, many juv.
House Finches - in bands - many young.
Least Tern - several seen - nests have hatched.
Snowy Plover - do.
At Watsonville saw - 741a, 464, 591b near river.
Western Yellow-throat - in song.

July 19. Blackbirds, 519; Sparrows, seen in flocks.
Lazuli Bunting - seen at Watsonville
Burrowing Owl - do.

27.
1896.

Calif. Shrike - do.
Arkansas Kingbird - do.
Calif. Jay - do.
Horned Larks - common beach.
Snowy Plover - several.
Least Tern - several.
Great Blue Heron - one seen.

July-27. Least Tern - young - half grown.
Horned Larks - common.
510 - 488 - 519 - 542 lb. - common.
Crow - 1st seen - a week ago.
Albatross (2) seen dead on beach.
5016. (one) - 273 - band of 5. - 194 - one.

Aug-16. Gray Phalarope - one killed.
Sharp-shinned Hawk - 2 (Perhaps this species)
Mexican(?) Horned Larks - common.
Calif. Shrike - a few seen. 194 seen. 337 lb. (one)
Calif. Thrashers - a few seen.
(?) Quail - a flock heard.
554 lb.; 581 and 542 lb.; 519, common.

1896.

1 Hudsonian Curlew - heard flying overhead.
Semipalmated Sandpipers - 4 shot.

Aug-22. Sandpipers - perhaps Semipalmated - many.
Chalcopes - a few.
1 Killdeers. 622 ℔ - 3396, 194 seen.
6 alif Towhee - a pair seen.
1 Spurred do - one seen.
Killdeers - flock of 1,200 +. seen in field.
Mex. Horned Lark abundant in
Springfield country near Wirth.
Chickadee - heard in Watsonville
Yellow-throats - several have been seen.
Least Tern - seen at Moss Landing.

Sept. 9. Plain Titmouse - seen on road to San Jose.
Desert Sparrow Hawk - do.
Western Meadowlark - seen at Chittenden's Switch.
Screech - one heard tonight.

Sept. 20. California Shrikes - common.
554 ℔, 557, 581 cord, 542 ℔; 474 ℔, 510, common.

39.
1896.

Curlew - seen occasionally.
Dessert Sparrow Hawk - 3 or 4 seen.

&
Oct-5 Ducks - in flocks along river and slough.
Killdeers - several.
Snowy Plover - do.
(?) Semi palmated Sandpiper - do.
Mexican Horned Larks - abundant.
Western Savanna Sparrow. abundant.
Sometimes 20 may be seen.
White-tailed Kite - one.
Marsh Hawk - one.
Western Red-tail - several.
Dessert Sparrow Hawk - several,
510, 554 6, 557, 581 Cord, common.
Tule Wren - several.
Great Blue Heron seen.
Hudsonian Curlew - still common.
Calif. Shrike - accasionally seen.

Oct. 18. Am. Pipits - flock of 12 or 15. 1st seen this fall.
Meadowlarks - common.

1896.

Crows - in flocks of some size.
White-tailed Kite - seen.
Wn. Red-tail.
Dessert Sparrow Hawk.
Marsh Hawk.
Ducks - in flocks flying.
55 26, 55 7, 54 26, 22, common.
Am. Bittern - one seen on slough.

Nov-5. Audubon's Warbler - seen a week ago.
Am. Pipits - common.
Wm. Savanna Sparrows - do.
(?) Marsh Hawk - one seen,
55 46, 55 7, 510, 488, 50 16. common, & 21 do.
Dessert Sparrow Hawks - fairly common.
(?) Juncos - 3 or 4 seen in flock.
Bluebirds - band seen.
467, 458, 581 cord, 519 - noted.
Western Yellow-throat -
Tules Wren.

Nov-21. Golden-crowned Sparrow more abundant.

41.
1896.

Audubon's Warbler - occasionally seen.
Am. Titlark - abundant.
Wm. Meadowlark - do.
Coots. very abundant on river.
Blackbirds - as usual.
Wm. Savanna Sparrow - common.
Red-tails - a pair.
Marsh Hawk - one.
Desert Sparrow Hawk - a pair.
581 cord, 457, 458, 519 - all to be seen.

Locality - Rockland - (Pt Estero) near
Jordan P. O. - Monterey Co., California.
- 1897.

Aug. 6 (?) Steller's Jay - (think identification is O. K.)
Very abundant and tame.
Turkey Vulture - common. 8 or 10 seen &c.
Eagle - south of Redwood creek.
Marsh Sparrow - common.
California Towhee - common.
Spurred Towhee - common.
Fox Sparrows - do.
(?) Wrens - do.
(?) Cormorants - do. on rocks near coast.
(?) Gulls - do. on rocks near coast.
Calif. Jays - several seen.
(?) Partridges - a bunch of.
Great Blue Heron - one.
Green Heron - seen near Jordan's house.
Calif. Woodpecker - seen near Jordan.
Blue billed Magpie - seen near Jordan.
Chickadees - seen near Jordan.
Mountain Quail - in bunches of

1897.

Kingbird - seen near house.
Painted Warbler - seen on a dry tree.

May 6. Finches - great numbers.
Spurred Towhee -
House Finch -
Calif. Towhee.
Arkansas Goldfinch. -
Anna's Hummer. -
Wren Tits.
Wrens (species?)
(?) Quail -
Mockingbird -
Desert Sparrow (Hawk) -
(?) Gulls -
(?) Cormorants -
Western Red-tail. above all have been seen.
Am. Water Ouzel - very frequently.
Linnet - Yellow throats.
Blackbirds - a flock of two seen.
(?) Steller's Jays abundant.
Calif. Jays. abundant.

1897.

Aug 31. Band-tailed Pigeon-heard singly.
Swainson's Thrush - not abundant.
(?) Calif. Partridges.
(?) Steller's Jays.
Spurred Towhee.
Calif. Towhee - Abundant.
Calif. Linnet - & flocks.
Ruddy-do - seen flying about.
Red-tail - seen occasionally.
Hummers - one or two seen - but so pleasant
[illegible] as before.
Desert & Red-rump Hunt - seen once or twice.

Oct 1. Meadowlark - one seen.
Hummer - seen but not so often as before.
(?) Jays - Stellers - not so common as before.
Calif. Jays - common & tame.
554½, 557, 588a; - 5 - [illegible] occasionally 742, seen
in great numbers.
Desert & barred Hunt - seen frequently.
Western Red-tail - do.
Kingfisher - seen near creek.

Pigeons - a flock, seen a week ago.
Turkey Buzzards - as usual.
Golden-winged Woodpeckers seen frequently.
Downy Woodpecker seen but not as often as the
Hairy.
Blackbirds - a few seen.
Mountain Partridges - a few seen.
(12) Valley Partridges - in great numbers.
Calif. Bush-Tits not very common but 2 or
3 flocks seen.
Golden-Eagle - one seen flying near School House.
Am. Magpies - seen occasionally on creek.
Red-shafted Flicker - seen on rock.
Warbling Vireo - seen occasionally.
Woodpeckers - a few seen - quite rare
near coast - many more of the ridge.

Oct-15. Bush-Tits - seen on redwood tree near house.
Thrasher - heard in Fullams.
Road-runner - seen near school-house.
(12) Juncos - 2 or 3 seen near Lime Kilns.
Green Tits - 2 seen this A.M.
Varied Thrush - one seen this A.M. quite tame.

Oct-19. Chipping Sparrows - seen.
(2) Dwarf Hermit Thrush - seen.
Golden-crowned Sparrow - seen.
(2) Valley Quail - seen in flocks of 30. They are quite tame.
Western Meadowlark - a large flock seen.
Blackbirds - a flock seen.
Water Ouzel - one.
Pacific Titmouse - more common than Chestnut-backed. Both fairly common.
Desert Sparrow Hawk - do.

Oct-20. Golden-crowned Sparrows quite common.
Juncos - Sparrows - do.
Red-tail Hawk seen today.
Jays in the pines - many of each.
Hummer - one or two seen.

Oct-21. Weather rainy.
Red-shafted Flicker - seen at the ranch.
(2) Valley Quail - Two bands seen.
Song Sparrow.

7.

Oct 21. Red-shafted Flicker about dozen at one place on ground in a burned place.
Calif. Bush-Tits abundant.
(?) Rock Wrens - probably but cannot positive.
Wren Tits!
Calif. Towhee.
(?) Song Sparrow.
Blackbirds two or three flocks.

Oct 22. Western Meadowlarks - 7 this A.M. larger flock this evening.
Doves, Mourning - 2 pair seen.
Band-tailed Pigeons - a hundred.
(?) Valley Quail - three coveys seen.
Calif. Brown Towhee.
(?) Gulls.
(?) Cormorants - three species seen fishing.

Nov. 1. (?) Western Nighthawk - one probably this species.
(?) Pigmy Owl. Think it was this species.
Kinglet - one seen - quite tame & unusual.
(?) Steller's Jay - seen more frequently than

1877.

Red-shafted Flicker seen near town.

Nov-2. Western Meadowlarks. - in large band.
Band-tailed Pigeon - Largest band seen yet
was one seen to-night. nearly 50 strong.

Nov-3. Calif. Cowardor - 1st seen in my life.
Turkey Vulture - several.
Western Red-tails - 4 or 6 seen.
Pigeon - large band seen again.
Red-shafted Flickers - a great many seen.
Stellers Jays in small flocks.
5 5 4 h.; 5 5 7, 5 9 0; 6 5 8 a, 7 + 2, 7 + 3 2, adv. al.
Jays - common.
Meadowlarks - a few seen.

Nov-7 (?) Sharp-shinned Hawk - I think this is
the species seen this evening.
Calif. Condors - 2 or 3. seen.
Wrens - a great many seen in ridges.
Jays - at same place - Ridge bet. Talmadge & Ct.
Calif. Thrashers - me - same place

-9.
1897

Bush-Tits - a band seen on ridge.
Western Meadowlarks - band seen on ridge.
Hummer - one on ridge.
Pigeons - two on ridge.
Sparrow Hawk - several.
Western Red-tail - several.
(?) Dwf. Hermit Thrush - one seen tonight.
Red-shafted - one seen.
(?) Junco -

Nov-7. Western Savanna Sparrow - seen yesterday and one to-day.
Western Meadowlarks - 15 or 20.
Brewer's Blackbirds - about same number.
Brown Towhee - several.
Juncos - several.
Kingfisher - one seen.

Nov. 12. Band-tailed Pigeon - 40 - Weather dark and cloudy
(?) Quail - two bands.
Kinglet - one - or ♀.

Virginia Rail - common.
Avocet - two or three.
Sparrow Hawks - as usual.
(?) Ducks - several.
Cooper's Hawk - several.
(?) Sharp-shinned Hawk - One seen - They seem scarce.
5 9/16, 5 5 4/16, 5 5 9, 5 4 3/16, 5 5 8 2/16, 5 6 1/16, and two
Birds - Smaller - Nothing new about them.
(?) Duck, Green Winged - no more.
Turnstone - a single one seen.
Black Phoebe at Mrs. Dorris' house.
Say's Phoebe - do.

Nov. 14. Turnstone - one seen.
Water Ouzel - several.

Nov. 16 (?) Quail - large bird.
5 4/16, 5 5 4/16, 5 5 7, seen.
Desert Sparrow Hawk -
Western Meadowlark - seen.
Brewer's Blackbird - old.

57

'97

Nov-18. 55, 55 and, 59 1/2; 58 8a; 60 1/2; 57 0, 53 6; 360a; 58, 45, 43 1(2) Junco - and other birds seen.

Nov-22. Audubon - two large ones with big tree. Undoubtedly Gt. Horned ~~Owl~~. Owl. Heard quail to-day.

(?) Juncos - common about house.
Golden-crowned Sparrow - a great many seen.
Band-tailed Pigeon - large band!

(?) Song Sparrow - one seen.
Western Red-tails - pair seen flying.

Nov-28. California Thrasher - several -
Turkey Vulture -
Audubon's Warbler - seen about cloudiness.
(?) Steller's Jay - several.
Crowned Sparrow - two -
(?) Wood Hermit Thrush -
Pine Siskin - a great many seen.
Golden Crowned Sparrow - a few
Red-tail Hawk - do

1917.

(2) Kullo-skee in rock.
(2) Common-screech.
Long-eared-screech owl,
S 85-1/2°, W 81 1/2°d, 91 lb., a mouse-feeder.
Flicker. common.
Woodpecker, red-cockaded?
(2) Snipe in large covey, in one perhaps.
Ringlet-

Nov-2. Green-winged Teal.

Nov-30. Tennessee. 2 ♂
Canada Sparrow - 2 ♂.
Chickadee. a flock.
(2) Juncos - 2 ♂.
Audubon's Warbler - several.
Waterthrush - Sept

Dec-6. Cackling Canada.
Summer - one - Anas.
Audubon's Warblers - several.
Ringlet -

10/17.

Trochilus - several females.
Thuleophilus - a flock.
Bush-Tit - heard.
Chickadee - a few with Tits.
(?) Steller's Jay - seen.
Wren. Red-tail, seen yesterday, Junco.
Wren Tits - common on brush hill-side.
(2) Sialia.
(2) Cinnamomeus -
Pelidneus.
Red-shafted Flicker - common.
Golden-crowned Sparrow - common.

Dec-8. Cooper's Hawk - heard twice.
(2) Nuttalli - a few seen.
Jays - both kinds seen today.
Red-breasted Wren.
Anna's Hummingbird.
Red-tail - a pair.
Cooper's Hawk - Tits - a flock.
Red-shafted Flicker - several.
Several species of sparrows seen

Dec-11. Calif. Thrasher - several seen and heard.
Finches. several seen.
Audubon's Warblers - do.
Calif. Bush-Tits - heard.
Hummer.
Red-tail - one or two seen.
(?) Junco - one or two.
Woodpeckers - large flock.
Jays - Steller's & Woodhouse - noted commonly
together.
Pelicans - seen along beach
Sea-Birds - do.

Dec-13. Calif. Thrasher - several in full song.
Hawks - a little more common than usual.
Audubon's Warbler - common.
(?) Juncos - 2 or 3 seen.
Kingfisher - one -
Golden-crowned Sparrow - abundant.
Weather warmer and birds seemingly more
lively.

1897.

Dec-14. (?) Steller's Jays - large band seen.
Red-tailed seen.
Meadowlark - large flock seen.
Day showery at times

Dec-16. Condor - I think it was this species but it was a long ways off.
Meadowlarks - large flock seen.
Audubon's Warblers - heard.
Calif. Towhee - good many.
Spurred Towhee - do.
Crown Sparrows - do.
(?) Juncos - ♂ & ♀ seen and distinguished.
Blue birds - flock.
(?) Dwarf Hermit Thrush - a couple.

Have moved outside for winter -

1897.

Dec-28 Calif. Condors - 2 or 3 seen at close range in Redwood cañon - Vicente creek - on redwood trees.

Turkey Vulture - 2 in company with condors.

Bald Eagles - a pair seen in full flight near the Espinosa ~~stain~~ cabin.

(2) Steller's Jays - many in Nacimiento cañon.

Mountain Partridges - common in same place.

Condors - 3 seen San Miguelita Ranch.

Woodpeckers - many - Ranch to John near road.

Crows - do.

Magpies - do.

Robins - do.

Blue Birds - do.

Hawks - do,

458, 656, 697, 488, 337b., 360a; 378, 294a; 354b, and 557 - fairly common in Salinas Valley between Kings and Salinas.

Ducks - flock seen bet. Salinas and Castroville.

Gulls - Mass Landing.

Am. Pipits - bet. Landing and Wolfe.

Wn Meadowlarks - do.

(2) Juncos - bet. John and Kings - common.

57.
1897.

Watsonville-Santa Cruz Co. - Cal.

Dec-28. Night Heron - many seen near Tynan's Lake.
Burrowing Owl -
Desert Sparrow Hawk -
(?) Mallard Ducks - (probably this species)
Am. Coots.
(?) Song Sparrow
Golden-crowned Sparrow -
Gambel's Sparrow.
Am. Pipits -
Red-shafted Flicker -
Blackbirds - a great many four species
Brewers, Red-wing, Tricolored and Bicolored.
Great Blue Heron - 1 or 2 seen about evening.
Swallows - I think they were - seen near
Salinas a few days ago.

Jan-1

1898.

Watsonville

Jan-1. Blackbirds - a great nomber seen.
Great Blue Heron.
Coots -
Ducks - (species?)
Am. Pipits -
Red-shafted Flickers.
Black Phoebe.
Kinglet -
Meadowlark.

Jan. 2. Audubon's Warbler - several.
Gambel's Sparrows - do.
Teal - two seen - shot injuries. Green-winged do.
Calif. Towhee - near house.

Jan-10. Snowbirds - seen near town. Weather cold.
554 b, 557 (a few), 581 (ord, 59) b; 501 b; 273, 697; Blackbirds, 221 - all have been seen -
Chickadee - heard near river.
Calif. Thrasher - do.
Ruby - crid Kinglet. several seen.
Audubon's Warbler - on porch of house.

1898.

Jan-28. Swallow-seen a week ago-1st for this year.
Brown Sparrow-very abundant.
Kinglet-one.
Audubon's Warblers-very common.
5 9 1 B-5 5 1 B, 273-Blackbirds seen in considerable numbers.
Hawk-large-one seen.

Jan-30. Audubon's Warbler-one killed.—several.
Am. Pipit-do.—large band.
Vigor's Wren-do.
Brown Sparrows-common.
Cal. Towhee-do.
Wd. Yellow-throat ♂
Shrike.
Blue Heron.

Mar-21. Audubon's Warbler-♂-3 weeks ago-Spring plum.
Black Phoebes-pair-seen near old nest-4 wks ago.
Kinglets-several-one killed.
Brown Towhee-one killed.
(2) Partridge-♀-do.

Gairdners Woodpecker - one killed.
(?) Song Sparrow - do.
Blackbird - do.
Shoreler ♂ - do.
Meadowlark - do.
Killdeer do.
Golden Eagles seen near heronry.
Hummers many seen near heronry.
♂ Rufous mostly.
Western Yellow-throat - seen at same place.
Calif. Chickadee - several at heronry.
Calif. Bush-Tits - do.
Woodpeckers - do.
Red-shafted Flicker - a few.
Wren-Tits - several.
(?) Partridges -
Spurred Towhee.
530 - 519 - 5346 - 557 - 710 (one) - 5010., 3609 (a few) 3376. (a few), 510, English Sparrows (near dwellinghouse) Swallows - etc.
Tree Swallows - seen on apple trees near Lake.

N.B. Birds underlined above killed at Eastsville

1898.

Castroville - Monterey Co. Cal.

March 21. White-tailed Kite.
Gulls - a great many.
Cormorants - a few.
Pelicans - do.
(?) Semipalmated Sandpipers (probably) many.
Am. Coots - many -
Shovelers - do.
Mallards - Think I saw a pair of this species.
Great Blue Heron - 1 or 2.
Grebe - a few.
No Surf Ducks seen.
5581 cord, 5546; 5557, 5530, 5542; 5710 (etc),
7710 - (one), 7743a; 5588a, seen -
Western Savanna Sparrows - many - at Springfield.
Wm. Meadowlarks - do.
California Jays - Seen in sand hills between
Hudson's Landing and Castroville. -
Western Robins - do.
Juncos - do.
Meadowlarks - do.
Turkey Vulture - a few - do.
Merganser - sp? - seen at Moss Landing.

Sea Ducks - sp.? seen at Landing.
Shorebers - long-beaked. seen near Eastwood
Burrowing Owls - several. - Springfield.

1898.

Gorda - Monterey Co., California.

April 5. (Road between Castroville to King's City)
Desert Sparrow Hawk (2 scattering ones.)
Am. Pipits - in small flocks
Western Savanna Sparrow - a good many.
Eagle - probably Golden - a pair -
(Kimsey Ranch - King City. -)
Vigor's Wren - many.
Calif. Towhees - several.
Spurred Towhee - do.
Cal. (or Valley) Quail - do.
Audubon's Warbler - do.
Western Meadowlark - do.
Goldfinches - do.
House Finches - do.
(2) Sand Hill Crane - presumably - a great many.
Western Yellow-throat - one.
Calif. Thrashers - several.
Song Sparrows - do.
Desert Sparrow Hawks - do.
Plain Titmouse - a pair.
Calif. Bush Tits - a nomber.
Jurcos - many but King's and Jolon.

Flores - a good many - road from Knight's to Jolon.
Western Bluebird - do.
Calif. Woodpeckers - do.
(Jolon to coast.)
Robins - a good many.
Western Red-tail - do.
Turkey Vulture - do.
Woodpeckers - a great many.
Magpies - several.
Crows - do.
Flores - do.
Bluebirds - do.
Blackbirds - do.
Condors, several on San Miguelita Ranch.
Western Lark Sparrow - one killed at mouth of Nacimiento cañon at edge of San Miguelita Ranch.
(Nacimiento Cañon)
Hawks - several.
(Valley or Cal.) Quail - several - one killed.
Mountain Quail - several. one killed.
Steller's (?) Jays - several.

1898.

On the coast near Garda P. O.

April 5. (Palo Colorado) Monterey Co., Cal.

(?) Stellers Jays -
Cal. Jay -
Juncos -
Wren Tits -
Cal. Bush-Tits -
Western Red-tails -
Am. Dippers -
Cal. Thrashers -
Valley (Cal.) Quail -
House Finches -
Turkey Vultures -
Audubon's Warbler -
Sea Birds.

April 6. Eagle - seen flying about.
Western Red-tail several.
(?) Sharp-shinned Hawk - probably.
(?) Steller's Jay - a good many.
Juncos a good many seen -
Calif. Bush-Tits - a few -
Woodpecker - heard on ridge above Mrs. D. house.

April-10. Condors-3 seen flying high up in air.
Pileolated Warblers-4 or 5 near Limekilns —
Water Ousel-one.
Steller's Jay-many seen every day.
Cal. Jay-seen frequently.
Crown Sparrows-a few scattering ones seen.
Song Sparrows-seen frequently.
Wren Tits-common.
Bush-Tits-everywhere-2 nests found today.
1 half-finished-1 contained 5 eggs-fresh.
Red-tail (Wm.) seen occasionally.
Dessert Sparrow Hawk-not quite so often as Red-tail.
Turkey Vulture-common. a dozen or so seen sitting upon large rock at mouth of creek.
Plain Titmouse-I think I saw one.
Lutescent Warbler-Think I have seen several.
Juncos-common in Redwood canons and in oaks on ridges.
Partridges-common-breaking up into pairs.
Sharp-shinned Hawk-Think I saw this sp.
Spurred Towhee-common.

Calif. Towhee - common but not so much as last.
Red-shafted Flicker seen a few times.

April-16. Calif. Jay - set - 1/4 Taken about a week ago.
588a (com.), 591b - (com), 710 - (a pair), 554b (5 or 6)
387b - (2 or 3 pair), 481 (com) 530 - com, 743a (abundant)
742 (com), 581c ord (seen once or twice) 360a (seen)
325 - (com.) 767 - (a pair or two) 431 - (a pair or two),
433 - (think I have seen this sp.), 519 - (1 or 2 pair,)
Steller's Jay - abundant.
Pileolated Warbler - several along Redwood creek.
Water Ousel - once or twice -
Wn. Red-tails - nesting -
No Pigeons as yet seen.

May-5. Western Flycatcher - 2 weeks ago - 1 fresh egg - nest found in oak stump.
Calif. Bush-Tit - 1 egg.
(2) White-throated Swifts - I think they were this sp.
Condors - a couple seen.
All this was two weeks ago in the "fall canon" of Redwood creek -
Mountain Quail - a great many heard.

Rufous sided Towhees - several seen in my camp grounds.
Humming bird - nest - 2 eggs. 2 nests with young -
Calif. Woodpeckers - many seen on top of
pine ridge, fire killed. -
Golden Eagle - one seen.
Calif. Condor - one seen flying about.
Western Red - tail - a good many.
Juncos - several.
Steller's Jay (?) - do.
Mountain Quail - do.
Golden Eagles - 2 seen on Redwood tree -

May. 14. Bald Eagle - one - 325 - 316 - 5916 -
Band - tailed Pigeon - 14 or 16. - 5889 - 742 - 7439
Mountain Quail - 433 - 381 cord - 596 -
Steller's (?) Jays - 464 - 2949 (?) -
American Water Ousel -
A deer.
Juncos
Older Flycatcher.
(?) Calif. Creeper - 4 nests birds - From habit of climbing trees they may possibly be this species -

Steller's (2) Jay - a good many seen.
Plumed Quail -
Water Ousel - 1 or 2.
Thrasher Vicente's ~~Co.~~ E. of Redwood Ck.

May-15. (2) Steller's Jay - 325 - 591b - 588a - 316 - 530 and.

May-16. 591b; 710, (2) 294a, 599 - (These birds have been here only about two weeks) - Sparrows - 588a - 316 - 530 - Band-tailed Pigeon - Day cloudy - misty or drizzling nearly all day.

May-17. 599 - 447 - 464 (probably) - 591b - 588a. - (2) 294a. - 481 - 519. 431 - 316 - 325. 349 -

May-18. 612 - probably - 591b. - 599 - 588a. - 481 - 721a. (probably) - 431 - 447 and Band-tailed Pigeon seen today

May-19. 316 - 325 - 337b. - 591b. - 588a - 530 - 721a - 481 (2) Steller's Jay - 447 (2) 294a. - 743a - 431 -

Western Savanna Sparrow - I think it was this sp.

May-22 721a. - 599 - Western Wood Pewee, probably —
Steller's ? Jay -
Am. Water Ousel — 742 - 743a'
Gambel's Sparrow - 710-2-me. sitting on a rock singing.
Western Bluebird 447 - many. 599 to 588a
Wm. Red-tail - 325 - a good many.
One seen flying 200 or 300 yards out along the coast. 439 - 316 - 588 cord
Calif. Condors - 2 seen circling high in air —
Band-tailed Pigeons - In flocks of 1 to 50 -
Western Lark Sparrow - I think it was this sp.
Calif. Jay -
Cal. Purple Finch - I think it was this sp.
Orioles - seen and heard several times.

May-23. Lazuli Bunting (3 ♂) 710 - 3 or 4 - 316 - 588a -
Band-tailed Pigeon - 481 - 721a' - 599.
(2) Steller's Jays -
Junco -
Quail - 2 or 3 bands.

Yellow Warbler - 360a (1) 447 - 530.
Bluebird - 325 - several. 337b.
Red-shafted Flicker - (2.)
Swallows -
Russet-backed Thrush - one heard -

May 24. Juncos - 2 or 3 - 481 - 588a. - 721a - (?) 294a
(20) Steller's Jay - heard - 591b. - 710 - 596 - 316 - 337b.
Band-tailed Pigeon - 599. 742 - 743a. - 431 -
Red-shafted Flicker - 519 - 325 - 530 - 447 -
Western Martins - I have been here about a week. a great many seen.
Swallows - do.
Orioles - heard -

May 26. No birds seen today that were not recorded yesterday.

May 31. Band-tailed Pigeon - Think) found a nesting place
Am. Waterouzel - 337b. - 360a - 294a - 530 -
447. - 599 - 596 -
Juncos -
Western Winter Wren - 2 seen - one killed.
721a. - 413 - 554b. - 557 (a young bird I think)

481 - 710 - 588a. - 743a. - 758 - 743a. - 431 -
591b - 325 - 581cord - 742 - 519 - 612 - 508 - 596 -
Mountain Quail -
Western Martin
Steller's (2.) Jay.
Sharp-shinned Hawk - identity 2. -

June-1. Western Lark Sparrow -
No other varieties.

June-2. 743a. (2 bands - 10 to 20 each.) - 481 - (3 or 4) - 710 - 599 -
588a (re shot) - 591b. — 742 - 294a - (large band)
316 - 413 - 447 - 530 - 431 (3 or 4) - 337b
Band-tailed Pigeon -
No Vultures or Eagles -
Western Lark Sparrow - (203 I think this 2/3.)
Juncos -
Weather warm and sunshiny -

June-3. Birds not numerous today Bright warm day -
Took only a short walk to school and back.
Condor or Eagle - one of these but could tell which

1898.

431-337b.-325-599-743a-481-447-316-
(?) 294a.-588a.-591b.-Band-tailed Pigeon etc.

June-5. 337b.-325-554b.-
(?) Steller's Jay-
Band-tailed Pigeon - in small numbers.
Junco -

June-6. 519-599- ♂ and ♀ Nothing notable today.

June-8. Lutescent Warbler-304-442-508-743a-
Junco- 721a.- etc.
Hummer. 519-599-431-
Band-tailed Pigeon-
Song of Junco heard -

June-9- 742-743a-530-591b.-710-588a.-413-
447-599-519-721a-431-325-316-481-
(?) 294a.- Band-tailed Pigeon -

June-12. Plain Titmouse-203- 447-530-
Western Wood Pewee-one shot. 710-several-

12. Head. Partridge - singly - in pairs and in
coveys of - 10-15 or 20. 5-9/12. - 481-742 -
Stelled Jay -
Vireo - one seen - several seen - Think they
are the Warbling species but am not positive -
Lazuli Bunting - abundant - 3 nests -
Black-headed Grosbeak - com - several nests -
one found yesterday - 3 fresh eggs -
Arkansas Finch - common but not so much as - 599.
413 (fairly common)
Towhee - common on ridges - 90 feet up or more.
Anna's Hummer - abundant especially in
the chaparral - 433 - (1 or 2 seen in sycamore grove.
Parkman's Wren - common - several nests -
Calif. Bush-Tit - very common - 316 -
Band-tailed Pigeons - in small flocks
in pairs - singly and in trios common -
588a.
Meadow - one seen flying - 40 yards off -
Water Ousel - 325 - common - 334 seen
frequently - 360 - several -
Western Lark Sparrow -

1898.

Bullock's Orioles-several seen- 558cod-1012-
Macgillivray's Warbler-bird and nest with 4 eggs.

June-13. Golden Eagle-one seen flying near school house.
(2) Steller's Jay- 742-599-530-316-
Lutescent Warbler-a pair-
Band-tailed Pigeon-seen in wild strawberry
patch on the ground.

June-14. 591b-several-710-588a-481-742-431-
743a-599-(oftener heard than seen)-316-
433-508-(heard often) 447-294a.
Western Wood Pewee-
(2) Steller's Jays-
Band-tailed Pigeon-
Buzzards and Hawks-as usual-

June-15- Birds as usual-
Western Wood Pewee-
447-413-721a-591b-742-743a-599-

June-16. Wood Pewee-

(2) Steller's Jay - 588a - 591b - 743a - 481 - 431 - 316 - 579 - 599 - 413 (2) 294a - 447 - 710 - 325 - 336. (probably) Band-tailed Pigeon.

June-21. Birds seem to be about as usual - nothing extraordinary noticed. 721a - 596 - Band-tailed Pigeons - 758 - 316 - 508 - Partridges - several bands - 447 - 747 - Lazuli Bunting - abundant - 710 - one - (2) Steller's Jays - common. 481 - 413 - 588a. Wood Peewee heard in song - 591b. - 336. - 530 - Lutescent Warbler - Think I saw 2 or 3 - Water Ouzel - seen back of house at Kelso - Anna's Hummer - ♂ and ♀ seen perched on limb of bush or tree quite frequently - Turkey Vulture - common had usual - House Finch - seen often - Owl heard but have not seen any -

1898.

Jamesburg - Monterey Co - California.

Aug-13. Eagle - seen in Nacimiento Canon.
Scarcely any birds seen while coming up Salinas Valley -
Returned to Paloleorado to get my things after leaving -
Cal. Condor - one or two seen on coast.
Mountain Quail - Plentiful in Nacimiento somehalf-grown - 1 killed -
Magpie - several seen on the coast near the Gomez place - never seen before on coast.
Have been to Watsonville - Canal de Tierra - San Miguel Canon - Paraiso Springs Los Coches - Springfield - Moss Landing - Salinas & Santa Rita - but paid no attention to the birds -
Am now at Jamesburg - 35 miles from Salinas on road to Tassajara Springs
Same latitude as Soledad -
Bird life (and the country of course) is of the dry country - white oak type except upon the higher mountains and ridges.

Jamesburg —

Aug-13. Cal. Bush-Tit - one flock seen in chaparal -
Calif. Jay -
Calif. Thrashers -
Calif. Towhee -
Calif. Woodpecker -
12. Valley Quail - All above abundant but they are about all the kinds I have seen -
Very few species have been seen but a great many of each kind.
House Finch - seen frequently -
Red-shafted Flicker - do -
Plain Titmouse - 1 or 2 -
Black-headed Grosbeak - 1 or 2 -
Western Wood Pewee - 1 or 2 -
Goldfinches - a few -
Cal. Spurred Towhees - Wren Tit or top-knot Jay -
Western Red-tail - two.
Turkey Vulture - a few -
Road runner - one -
Spurred Towhee - discovered -
Cal. Bush-Tit - a band - 4 & 8 (several) -
4 & 13-(1) - 5 & 9 & (several) - 13 Valley Quail - 2 large bands.

1898.

431-(one ♀)-710-(2 or 3)-

Aug-16- Am. Pipit - one yesterday - 4 today -
Bluebirds - a band of about 12 -
Mountain Quail - Heard today that they are
found here on high ridges -

Aug-20. Nuthatch - sp-2. probably slender-billed -
Wren - think it is Vigors -
Red-shafted Flicker - a good many -
431 - 718 - 5916 767 - 294a (2)
Western Wood Pewee -

Aug-21. Plain Titmouse - One seen in wild rose bush.
Western Nighthawk - Probably this species -
Hummers - several - all think are 431.

Aug 24. Wren Tit - one -
Nuthatch - Slender-billed probably -
767 - common - 481 - (do) - 413 - (do) - 5916 - 710.
588a one -
Red. Woodpecker - common.

Eastsville-Monterey Co- California.

Sept-15 I have returned home.

Least Tern- large flock at Mass Landing-

12) Red-bellied Hawk- one-

Desert Sparrow Hawk- one-

White-tailed Kite — one-

Blackbirds - common -

Brown Sparrows - do -

Horned Larks - do -

Western Savanna Sparrows - do.

Am. Pipit- I think I have seen few -

Oct-9- Heermann's Gull- one shot from flock of 20 or 30. have been seen before but never identified.

Least Sandpiper - Probably seen before and called Semipalmated or as this should be called the Western Sandpiper -

Very difficult to tell without dead bird what species a person has -

Snowy Plover - common - several shot.

Killdeer -

Gray Phalarope - a great many seen in bill not.

1898.

last few days - perhaps they have passed on.
Gulls - several large one probably Cal or Wn.
Pipits - seen on sand dune near beach.
Blackbirds - immense flock seen at Cooper's
Switch.
Marsh Hawk - one -
White-tailed Kite -
(2) Red-bellied Hawk -
Dessert Sparrow Hawk -
Wn. Meadowlark - fairly common -
Gairdner's Woodpecker - ♀ shot in bujsàe.
2 Gambel's Sparrow - common.
Western Savanna Sparrow - a good many -
Thrasher - seen at Mulligan Hill -

Oct-10 Am at Salinas for five days each week - at home for two days.

Salinas -
House Finch - 5076 -
These are all of the birds I saw in my walks to school and back.

Oct-11. No birds except:-
Goldfinches-quite a flock-

Oct-12- Heavy fog in early morning-more birds noticed as fog disappeared than have been seen before.
Says Phoebe-10 or 12-
Western Savanna Sparrow-
Brewer's Blackbird-
Arkansas Goldfinch-
House Finch-15 or 20.
Killdeers-4 in flight.
Dessert Sparrow Hawk ♂.
Am. Pipit-I think I heard this species.

Oct-13. Am. Crow-10 or 12-
Audubon's Warbler-Think I heard one-
Blackbirds-50 or 60.
Wn Savanna Sparrows-a great many.
Western Meadowlark-8 or 10-
Dessert Sparrow Hawk-♂.
Says Phoebe-several-
House Finches-

1898.

Oct-16-(2) Gambels Sparrow - a good many -
Golden - crowned Sparrow - do -
Audubons Warbler - several -
5426 - 570 - 519 - 530 - 5016 -
— On road between Salinas and Castroville —
Am. Pipit - 5546 - ~~5547~~ - 5426 - 5016 - 457 -
Immense flock thous and thousands Blackbirds

Oct-17. Night Herons - large flock seen near Graves
Switch on ere. of - 14th.
5546 - 5426 - 5016 - 413-2 - feeding with 5016
on ground near planted cypress and pine trees.

Oct-18. Shrike one -
656-(2) - 519 - 5546 - 570 - (many) - 457 - one -

Oct-19. Am. Pipits several - 3609 ♂ - 5426 -
Crown. Sparrows - 570 - 5016 - 519 -

Oct-20. Not many birds today -
457 (1 or 2) - 3609 (♂) - 570 (many) - 5016 (several)
530 - a flock - 519 several - (heard - 413)

Oct. 23. 656 - (3) - 360a. (6) - 510 - (2) 5546. - ~~557~~ - 413 (heard) - 501b. -
(000 or more) 530 -

Eastroville -

542b. - (2) 5546. - 557 - 458 - 457 - 488 - 510 -
Hawk - think it was a young Red-tail - Road to Sal -
501b. (2) ~~5~~546. - 557 - 542b. - 697 - 194 - 360a Road to Salinas
Geese - 2 flocks - Eastroville.

Oct - 24. (2) 5546. - ~~557~~ - 510 - 519 - 360a. 697 - 5016 - 542b.

Oct - 25. 510 - 697 - all that were seen -

Oct - 26. Juncos - 2 large flocks -
Goldfinches - flock -
610 - Several - 542b. - 697 (2) 5546 - ~~557~~ - 457 -

Oct - 30. 697 - flocks seen at Salinas and Eastroville -
and very large flock at Leo Soria's Switch.
5546. 557 - a great many Mulligan hill.
No - 557 seen at Salinas so far -
Juncos - 501b. both places - 656 - Eastroville
221 - 331 - Eastroville.

1898.

Dec-2- Have been in Watsonville and Castroville since I came back from Salinas.
Juncos - seen in Yard in Watsonville.
Western Savanna Sparrow - seen in Watsonville.
697 - seen in riverbed - 360a.
- Moss Landing -
Least Tern, Gulls, Cormorant - Sea Ducks - Pelicans - Butter Ball - small Sandpipers -
Castroville.
(2) Red-bellied Hawk - Red-tail Hawk -
Watsonville.
710 - riverbed - (2) 554b. 557 - same place.
221 - same place - 501b. common enough place
221 - Immense numbers - lagoon near W. G. Hudson's place.
Castroville. -
(2) 554b - 557 - 581d or c - 510 - 697.
1 tamed Larks - two -
(2) Red-bellied Hawk - slough back of sand hill.
(2) Marsh Hawk - do.

Eastroville.

Dec-5- Goldfinches-3-Springfield
Golden Eagle-3 weeks ago at Salinas
Turkey Vultures about a doz same place.
694-many-(2)5546.557-abundant-360a-
194-224-Kildeer-510-501b.-656-
Grebe-seen in river.
Geese-2 bands-
Burrowing Owl-near Buffalo Pen-
(2) Red-bellied Hawk.
(2) Marsh Hawk.
(2) Sharp-shinned Hawk-third one.
Am. Barn Owl-in old barn-
House Finches-several hundred on telegraph
wire about a week ago.-
437-458-

Dec-9- Wind E. N + W- principally E
6th + 7th cloudy. 8th clear. today cloudy-
White-tailed Kite-pair. Sandhill-
(2) Red-bellied Hawk. do.
Am. Pipits-30 or 40 in flock-
Pelicans-at distance.

1898.

Ducks - seen at distance -
50 lb. - 570 (2) 554 - 557 - 221 - 194 (2) -
seen in nonumbers -

Dec-10 - Weather - clear - Wind E in A. M. N in P. M.
Large bands of Geese flying W. to E.
6 gg - common -
(2) Red-bellied Hawk.
1 Kites - pair -

Dec-11 - 1 Kites -
(2) Red-bellied Hawk -
"Red-head Ducks" - 10 or 12 killed by hunter -
Geese - 2 - killed by hunter - north of river.
2 different kinds evidently.

Dec-12 - Butter-ball - seen in river -
Pipits - common and very tame -
(2) 554 - 557 - abundant.
Geese - 1000 or more seen in flock
flying from E to W -
At 3 P. M. Geese fly W. to E - about 50.

3.50 P. M. - 200 or 250 -

4.45 Last flock seen - 13 - and 1 single one evidently lost. 13 fly - E one flies W.

5 42 Sandhill not so common at Sandhill as towards Salinas

Dec-13. Cloudy - Stiff wind - E + S. of E in A. M.
No Geese in A. M.
Band 100 or more fly W. at dusk.
(2) Dwarf Hermit Thrush - Seen in backyard -
Audubon's Warbler - do
Ducks - large nos numbers - flying about mts.
(2) Short-eared Owl - Think saw a bird of this sp. at lake near beach.
Slight rain in P. M.
Wind from S. Raining at bed time

Dec-14. Large brown bird probably Curlew -

Dec-15 - Weather clear after rain.
No birds noticed.
Ducks.

1898.

Dec-16- 10.50 a.M. 100 Geese - flg - W. Straggly band.
11.45 a.M. 1000 " " " large loose "
Largest band I ever saw.
Wind - E. sky hazy -
12) Dwarf Hermit Thrush - seen in old barn
close range.
Swallows - 4 or 5 seen flying about.
12) Short-eared Owl - near marshy lake -
Wn. Meadowlark - com. in same place

Dec-17. Geese - flocks of 20 & 30 - fly - W. Thirteen
before sunrise -
331 - 328 - 33 qu. - 360 a. - 519 several - 622 du. 58 / cord.

Dec-18. Wind from E - Sunday - No birds noticed.

Dec-19 - Rain - wind from S.
Swallows - a good many - 612 Thick.
Shorebirds - 2 small ones -
710 - seen near sand-hill - 5546. (2)
554 - apparently more common than 5546.
221 - innumerable in plough furrow

Dec-20. Rainy - Wnid changeable -
Many Geese - flying south - straggling -
Dwarf Hermit Thrush.

Dec-21- Clear - Wnid E - 542 lb. - 510-501 lb. seen in
considerable numbers - 360 ± 102 -
Ducks - a flock -

Dec-22 - Clear - Wnid N - very - ~~cold~~ in morning -
656 - 1 killed another seen -
697 - 2 or 3 near house.

Dec-23. Clear. Wnid E.
No Geese for several days.
Several Ducks - singly and in bunches -
"Sandhill Cranes" a flock flying west. I
have never had a chance to determine
whether the popular name given to
these birds is correct.

Dec-24. Clear in A.M. Hazy in P.M. Wnid East.
339 lb (2) - 328 - (a pair), 221 (several) - 510 - (in flocks)

1898.

697-(several)-5581c rd-in brush near river
(2) 5546. many-

Dec. 25. Weather-hazy-Wind E.
510-large flock on bars-

Dec. 26. Wind-E. in A.M. N.W. in P.M. Slightly hazy.
Ducks-fly ocean ward-some alight in small marshy lake near beach.
Geese-small flock. fly ocean ward-9.30 a.m.
Winter birds as follows seen-697-5546.-557-542b (2 or 3)-328 (pair)-501b. large flocks-510-do-519-do.-325-(1).

Dec. 27. Curlew-one-flying N.W.
Marsh Hawk-one.
328-a pair-360a-one-542b 2 or 3-519 flock.

Dec. 28. Pelicans-4 or 5 flying near beach.
Pied-billed Grebe several-2 or 3 killed.
Am. Coots-many-
Sandpipers-several-Wm or Least.

Gulls - several.
5546. 557 - 581 cord - 697 - All of these were seen in sandhills near mouth of river -

Dec-29. Strong wind from N.W. in P.M. clear -
Geese - one band seen.
Dwarf Hermit Thrush -

Dec-30. Light N.W. wind in P.M. Very slightly hazy.
Says Phoebe - one is a constant resident in the potato field - very tame.
Dwarf Hermit Thrush - one is wintering about the house - frequenting the outbuildings etc
328 - a pair - 360a: a pair - and other common winter birds -
Geese - two band coming from ocean near the end of this P.M. - 1 band of 8 - flying low -

Dec-31. Cloudy or Hazy all days -
Geese - one or two bands seen coming from ocean - 579 - large bank & killed - 574a - one killed I think identity is O.K.

1899.

Jan-1. Castroville - Monterey Co. - Cal.
Heavy rains all day -
sp. (2) Audubon's Hermit Thrush - The one that stays about barn seen again -
697 - one seen on roof of house.

Jan-2. Rain very all day - did not go out much.
sp. (2) Dwarf Hermit Thrush - one in barn.
sp. (2) Western Savanna Sparrow - large band.
570 - large flock - 697 - a few seen.

Jan-3 to 5. ———— .

Jan-6. Brown Pelicans - 8 or 10 seen near beach.
sp. (2) Horned Larks - several seen near beach.
Am. Coots - many seen in river.
sp. (2) Ducks - 4 or 5 - probably "Canvas-backs"
Geese - one band seen about 2. P.M. flying to ocean
sp. (2) Song Sparrows - a dozen or more.
White-tailed Kites - a pair.
sp. (2) Surf Ducks - many seen in breakers.
sp. (2) Gulls - a good many of several different

kinds - some think were Heermann's
some Calif. - a few Western and several others.
Least Tern - a few of this species seen.
Sandpipers - 1 or 2 Wd. or Least.
Sparrow Hawk - one.
Western Meadowlark - a good many seen.
Turkey Vulture - one or two.

Jan. 7. Pelicans - several in river at mouth -
sp.(?) Ducks - a few bands near beach.
221 - large nomber -, 510 - do., Crown
Sparrows - do. Goldfinches - 3 sp.(?)

Jan. 8. 697 - 221 - 510 and other winter birds.

Jan. 9. Cloudy - (clear in A. M for a while) Wind
from S. E. in A. M. W. in P. M. Sat night and raining.
Pied-billed Grebe - one in river. Horned
Dessert Sparrow Hawk - one. 510.
Am. Coots - 20 or 30 in river near sand-hill.
Wren - I think I saw a Tule Wren in
the tules in river near sand-hill -

Jan-10. Stormy and rainy - heavy sea.
sp.(2) Ducks - about 300 seen in lake - "Teal-Widgeon" and "Canvas-backs."
Pelicans - a dozen or more in river at old mouth.
sp.(2) Gulls - several seen flying along beach & river
Burrowing Owl - 2 - one in sand hill on sand dunes near the beach.
Killdeers - one near river crossing.
Dusky Sparrow Hawk - one.
(2) Short-eared Owl - one near "marshy lake"
Crown Sparrows } In abundance near
sp.(2) Song Sparrows } river and bushy sand-dunes
Am. Pipits - several near beach.
Meadowlarks - common.
Coots - common in river near sand-dill but river mouth was too rough owing to storm.
sp.(2) Sea Ducks - a great many in surf.
Kite one.
No Western Robins seen so far this ~~year~~ winter. No Bluebirds seen in valley.
Audubon's Warblers rather scarce

at Castroville perhaps half a dozen might be seen in an all day's tramp. No Juncos seen lately.

Jan-11
Jan-12 ——.

Watsonville.

Jan-13. Came to Watsonville on S.V.R.R.

sp-(?) Ducks - butter balls and scoy ducks seen in river and sloughs.

sp-(?) Gulls - great nowmbers seen at Moss Landing - a great many in one bunch on sand bar at mouth of Salinas i.e. at mouth of slough.

Coots - a great many in mouth of Pajaro river, only about six ducks seen there.

Jan. 14. ~~Cloudy~~ and a little rain.

Jan-15. Cloudy - rain last night.

Birds observed about house (C.O.S. Sr.) and in short walk along Pajaro R.

519-2 near house - 413 - one near house on ground

1899.

Watsonville.

Golden-crowned Sparrow - very common,
7/10 - 5 or 6 heard in full song - 3 or 4 seen.
5-9/16. several - one or two about house & orchard.
sp. (?) Spurred Towhee - 2 or 3 seen in brush near R.
sp. (?) Dwarf Hermit Thrush - Probably this sp.
sp. (?) Wren - sp. - Probably Bewick's.
sp. (?) Vireo - sp. - Probably from note and appearance a Green[illegible] but I am not much acquainted with the family.
Am. Pipit - a few seen generally singly - apparently not so common as at Eastroville. 4/5 one - 3/6 one. 1/4 one disturbed along river.

Jan-16. ——.

Jan-17. Audubon's Warbler - a great many heard. They are very abundant compared with Eastroville but do not come about house so much as I have seen them do before.

Watsonville -

Weather foggy and clear by turns. Took
no walk, was scarcely out of doors.

Jan-18. Cloudy in A.M. Clear in P.M.
About house -
Blackbirds - Brewer's - several hundred -
House Finch - one or two.
Audubon's Warblers - several.

Jan-19. Clear. No birds - indoors all day.

1899.

Bugalar.

Have moved to the Deckywells near Chualar and also not far from Gonzales. Paid no particular attention to birds, while moving. Very few birds to be seen on road and comparatively few here in the valley. An Eagle and a few Burrowing Owls were seen near Spence's Switch. House and school are 200 yds apart so I have little opportunity to see birds.

Feb. 2. Blackbirds - flock of 20 or more near school.
Wn. Meadowlarks - about a dozen near schoolhouse.

Feb. 3. Say's Phoebe - one near house and school.

Feb. 4. Juncos - a flock seen about house weather cold.
Western Sabanna Sparrow - several along road.

Feb. 5. Went up Chualar Cañon for 2 or 3 miles and saw a good many birds not seen in valley.
Western Robin - a great many.

Red-shafted Flicker - same as last.
Hoary & Hermit Thrush - 3 or 4. Apparently
common - More seen here than I remember
of ever having seen before ~~at~~ at this place.
Brown Sparrows - a great many in flocks.
Crow - one on fence near mouth of cañon
Turkey Vulture - one seen flying near
school house.
Juncos - seen about house and in cañon

Feb. 6. 510 - flocks - 501b. flocks - Juncos - abund.

Feb-7-8-9 Two new birds - 519 seen accasionally.
510 - 501b. common - Brown Sparrow - (White-
crowned - probably Intermediate) - 542b.
seen quite often - once very near
school house.
Wild Geese - a band or two seen
the other day flying over.

Feb-10to16. Wild Geese - band of 20 seen 2 or 3 days ago.
Swallows - 2 seen same time & place as last.

Ubualar Cañon 1899.

Western Robin - one seen on 11th and after was
Juncos - a flock seen about house as before.
Crown Sparrows - about 20 about house and barnyard
Turkey Vulture - one or two seen flying about.
Brewer's Blackbird - seen in band about every day.
Western Meadowlark - same as last.
Am. Crow - large band seen on 13th about
sun set near mouth of Ubualar cañon
flying towards mouth by cañon.
Wh. Swamp Sparrow - a few seen on 13th.
House Finch - one or two seen.
No other birds seen to best of my
remembrance.

Feb. 27. No new birds seen except those recorded in last except two.
Say's Phoebe - one seen about.
Gull. sp - 2. One seen near school house
On - 24th went to Eastroville returning
on 26th. Gull - a good many - one
near Spence -

Am. Crow - immence nounber seen near Spence flying twards river from several directions. Time about sunset and a little after.

Western Savanna Sparrow - seen along road.

Inter mediate Sparrow - several.

Turkey Vulture - one seen near Cooper's Switch eating dead squirrel in road - bird was very tame.

Blackbirds - out the largest flock ever saw was seen between Cooper and Blanca.

Goldfinch - several seen near my house a few times

Feb - 28 No new birds.

Brewer's Blackbird - large flock

Chualar, Calif. - Monterey Co.

March-1. Blackbirds - in flocks.
Junco - one or two seen.
(2) Intermediate Sparrow - one or two.
(Identification of last was made while bird was at a distance but near enough to see the white crown.)
Owl - a large one seen about dusk flying near house - Probably Am. Barn Owl.

March-2. Hummingbirds - Think I heard two in cypress trees near house.
Blackbirds - in flocks.
Western Meadowlark - seen near school.
No new birds except, et.

March-7. Blackbirds Brewers.
Eagle. Saw a large bird on the 5th flying that was an Eagle I think.
Western Meadowlarks - common.
Junco - several seen.
Intermediate Sparrows - several

seen about house.
No. Day's Phoebes have been seen for a few days.
1 House Finches - several near house.
Western Savanna Sparrow - several along road.
Mourning Dove - Three were seen near end of county road that passes my place - They were on the ground.
Am. Crows - a great many seen at same place as last.

March - 8. Anna's Hummer - Saw a ♂ about a plant in the yard.
Brewer's Blackbirds. A large flock about barn yard and in trees near house.
House Finch - Several about house
Say's Phoebe.

March - 9. 1 heard one Hummer.

1899. Chualar - Monterey Co. - Cal.

March. 11. Took a long walk in hills north and north-west of Chualar cañon. Saw a great many birds not to be found in the valley among them the following:-

Calif. Thrasher - heard several times.
Calif. Jay - heard and seen several times once near end of county road - Thrasher heard at same place.
Audubon's Warbler - one shot from oak tree near mouth of cañon.
Lark Sparrow - Think I saw this species once or twice.
Western Red-tail - Seen several times and 3 or 4 nests located.
Dessert Sparrow Hawk - several seen a last years nest found containing an old egg.
Plain Titmouse - one seen excavating a nesting cavity in a rotten stump just above the Sparrow Hawks nest mentioned.

Shuvalar-Gal.

Golden Eagle-a large bird seen that may have been this species.
Red-shafted Flicker-several seen.
Western Meadowlark. a good many seen.
Wren Tit-one heard.
Wren-heard once or twice.
Turkey Vulture-8 or 10 seen-a place was found on a steep cliff which evidently is the nesting sight of several of these birds.
Gadi. Sparrow-one found in a natural cavity in a tree.
Western Bluebirds-a great many seen.
Swallows-a great many flying about.
Cuticent Warbler-one shot
Junco-several one shot.
Western Savanna Sparrow-a good many near roads and in fields

Glendora-Calif.

1899.

March-15-Junco-seen near house.
Hummer-heard.
Blackbirds-common.
Say's Phoebe-seen yesterday.
Meadowlarks-many.
Western Savanna Sparrow.
Intermediate Sparrow.

March-24. No new birds seen.
Has been very rainy and showery.
Say's Phoebe still here a day or two ago.
Junco-also to be seen still.
House Finch-many a male seen today in full breeding plumage near the schoolhouse.

March-29. A Hummer seen-possibly it was a Rufous as it looked more like one at a distance. It may not have been though. Am sure I have seen Anna's here several times.
Say's Phoebe have not been seen

for a day or two
Western Savanna Sparrow - one seen
in cypress tree near house.

April 1-99. Took a walk about hills near Mr.
Parsons place.
Dwarf Hermit Thrush - Think I saw
one of this species.
Turkey Vulture - one or two flying about.
Crows - Many seen.
Burrowing Owl - one seen along road.
Western Bluebird - a pair was seen.
Calif. Thrasher - one heard - a nest found
probably of this species. It was completed.
Wren Tit - one heard.
Anna's Hummer - a ♂ seen - a ♀ near house.
Rock Wren - two seen, one shot. The first
I have ever taken.
Western Red-tail - one seen.
Intermediate Sparrow - still with us.
California Towhee - two or three seen.
Western Meadowlark - one or two seen today.

Chuadar-Cal

Brewer's Blackbird - A pair all abundant about house but no where else.
Horned Lark - Three seen today.
An Eagle seen today - Dk had a white or dirty yellowish tail

April 2. Western Yellow-throat. one seen in trees near house.
House Finches - several pairs carrying nesting material. A ♂ seen carrying material
Rufous Hummer - a ♂ seen.
Anhas Hummer - Two probably ♂ and ♀
Western Meadowlark - a few seen.

April 3. Horned Larks several on road to town.
Western Savanna Sparrows.

April 8. Went up Chuadar canon to Turkey Vultures nest.
Turkey Vulture. a good many flying about rocks but no nests to found although

they seemed displeased at my approach.
Valley Quail - a good many seen almost entirely in pairs.
Golden Eagle - Two seen flying about - was showed nesting site. a little too late for eggs.
Spurred Towhee - one or two seen.
Intermedia Sparrow - several seen.
Calif. Jay. - a few seen.
Red shafted Flicker one or two.
Red-tailed Hawk - a good many seen flying about - two were seen near Buzzard cliff.
Western Meadowlark - a few seen.
No new birds seen and nothing of interest recorded. Woodpeckers nest found.

April 10. Cal. Thrasher - 1/3.
Cal Jay - 1/4.
Golden Eagle - seen.
Wrin. Tit. heard.
Black Phoebe - seen near old house.

Calif. Brown Towhee - seen near old house

April-12. Gairdner's Woodpecker. 1/5.
Golden Eagle - one seen.
Western Red-tails - one or two seen.

April-15-99. Western Lark Sparrow - one killed.
Am. Crow - 1/5. a great many birds and old nests seen.
Western Red-tail - a good many seen.
Calif. Thrasher - two or three singing.
Sparrows - Intermediate probably.
Western Robin - Am sure I heard notes of this bird in a patch of buckeyes growing on north slope of hill.
Calif. Towhee - a pair seen.
Goldfinches - several.
Hummers - several seen

April-18 - Western Meadowlark - one.
Burrowing Owl - one.

Western Savanna Sparrow - several.
Horned Lark - several.

April-19- House Finch - 5 eggs - nest in house on upper sill.
Brewers Blackbirds - ♀ think they are nesting.

April-25- Brewer's Blackbirds 1/6 - 2/6 - 3/6.
Over 40 nests in trees near house.

April-26- Western Savanna Sparrow - several.
House Finch - two pairs think about house.
Brewer's Blackbird - many.

April-27- Pileolated Warbler - a single one seen in cypress behind garage house, this morning. Think it was a ♂

April-30. Took long walk yesterday - all over north of Schulz Carlton. Some birds observed as follows.

113. Circular-leaf.

1899.

Calif. Towhee - nest and young.
House Finch - nest and young
evidently 4 or 5 days old.
House Finch. n/s.
Calif. Thrasher - n/s. Inc. advanced
Anna's Hummer - several - ♀ shot.
Eagle - one seen today.
Western Red-tail - 3 or 4.
Am. Crows - a great many.
Western Fly catcher - one shot.
Desert Sparrow Hawks - 2/s.
Bird shot - two seen.
Wrens - Think Parkmanni but
perhaps Ivigors also - several
seen.
(2) Western Savanna Sparrow - a
good many.
Western Bluebird - one seen -
flushed from nesting cavity.
Quail - a good many - mostly
in pairs - very tame.
Large Owl - Probably W. n. Horned

Owl- flushed from tree
Calif. Bush Tit a few heard in
scrub-oaks.
No Meadowlarks, Lark Sparrows
Warblers or Spurred Towhees seen.
Calif. Thrasher - several seen
and heard.
Goldfinch - a number seen
did not identify species
Think I saw a few Crown Sparrows
Song Sparrow - also quite scarce
I had one.

June-25. - Have been neglecting birds of
late but have seen scarcely
anything of great importance.
I took a walk (15 Lets) of 73 Brewer's
Blackbird row trees near house.
There were 40 or 50 nests containing
eggs at one time - (I counted 3 & with
eggs). Also collected several times
Leb. - True - Wilson Bulletin

115.
1899

Schuylar-Cal.

found in a hollow in a rotten limb.

A Great Heron was shot by me. It was at the water trough and alighted upon the fence near by. I pistol wounded it and kept it in a coop for some time but it finally died. I don't think it eat at all although I gave it several kinds of food.

A Bluebirds nest was found. Just hatching. It was in an old Woodpeckers nest.

During a short excursion to Seneca I watched the following Birds were seen.

Cardinal Grosbeak. One shot, several seen.

Black-headed Grosbeak. nesting a great many.

Tree Swallow. Found a nest that belonged to this species I think. Also Cliff Swallows.

Desert Sparrow Hawk - seen.
Red-shafted Flicker - seen.
Calif. Jay - seen - nest is just hatching.
Lazuli Bunting - several.
Calif. Bush-tit - several - also nest.
Killdeer - a few seen on prairie.
Song Sparrow - seen.
Wrens and others species were also seen.

1899.

June-29. About the second week in June. I left Chualar and have been traveling over the country a good deal since and have jotted down a few things about the birds that I saw.
I give below this matter, slightly revised and rearranged.

June 21. Calif. Brown Towhee at Soledad Bridge.
Burrowing Owls - a brood of young near-by grown birds seen at Sand Cut (Camphora)
June-20. Russet-backed Thrush - several seen in willows near Salinas Bridge.
June-22. Horned Larks - a great many seen on Glorio road - probably 2 or 3 at this one place.
Turkey Vultures - Gonzales slaughter house. 20 probably.
Crows - at same place. a dozen or more.
Kingbirds - several individuals scattered about were seen on this trip to the Glorio and Orchard school

and return to Chualar.
Brewer's Blackbird - same as last.
Wn. Meadowlarks - a few seen in valley.
Horned Larks - everywhere on this trip.

June 27. A ride from Castroville (Mulligan Hill to Jamesburg and return.
Gaffey Ranch —
Horned Larks - a good many.
Moses Jordan's place —
Goldfinches.
Song Sparrow -
Redwing Blackbird.
Riverside —
Grosbeaks. -
Goldfinches. -
Brewer's Blackbirds.
Tovro Bajon ——
Bluebird -
Woodpecker -

1899.

Wm. Wood Pewee.
Calif. Jay.
Turkey Vulture.
Red. Towhee.
Dove. -
Hummers Annas - Laurels grade.
2 Doves - " "
Goldfinches. " "
Wren Tit. " "
Lark Sparrow - " "
Horned Lark - about 12. " "
Spring at foot of Laurels grade -
Hummers. 20 or 3.
Partridges - a pair.
Between Laurels and Tularcitos.
Calif. Woodpecker - 1st seen here.
Russet-backed Thrush.
Turkey vultures a dozen or more on carcass.
Crow - same place not so numerous as V.
Warbler - possibly Lutescent but it seemed to brighter colored.
Western Red-tail Hawk

(?) Hawk - smaller hawk seen at same place but could not identify.
Calif. Brown Towhee - along creeks.
Russet-backed Thrush - in willows near creek.
Bluebirds - in oaks.
Calif. Bush-Tit - one band heard in scrub oak.
Arkansas Kingbird - seen occasionally.
Calif. Jay - many near Tulaectos.

Tulaectos to Andrew Bomquist's.

Wn. Red-tail - near Tulaectos.
Lark Sparrow - 3 or 4 at Blomquist's.
Crows - several at Blomquist's.
Goldfinches - many " "
Brewer's Blackbirds - ditto.
Wn. Meadowlarks - 2 at Blomquists.
Bluebirds " "
Wn. Meadowlark - 1 yg " "
Valley Quail - flock of half grown yg - at Abdies - grade.
Calif. Jays same place.
Calif. Woodpecker " "

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1895

Wm. Wood Pewee - at same place.
Near Jamesburg School House.

1 Killdeer - at spring Robertson place.
Calif. Towhee. same place.
Goldfinches - grade near schoolhouse.
Turkey Vulture. " " " "
Calif. Jay. " " " "
Valley Quail. " " " "
Black-headed Grosbeaks - several at
Mascioni place - alt. probably 2500 ft.
From A. Blomquist's to Brush place
at Summit of Tassajara Grade.
Doves - at Chew place.
Wm. Wood Pewee - ditto.
Partridge (Valley) - Tassajara Grade.
Calif. Jay. " "
Junco. " "
Spurred Towhee. " "
Warbler. several small unidentifiable birds. " "
Jay - (Stelleri or Blue-fronted) heard, am
quite sure although I did not see bird. " "

1899.

Red. shafted Flicker- Bruce place.
710. 294- Lewis Place.
Western Martin- Bruce place.
Wn. Red. tail- Tassajara grade.
Vulture(Turkey)
Black Phoebe- seen on rocks in the creek and elsewhere.
Spurred Towhee. head near Bruce place. alt. about 4000 ft.

June-29

Birds seen at my Camping Place at foot of Laureles Grade.
Calif. Towhee.
Calif. Jay.
Wn. Wood Pewee.
Partridge.
Mourning Dove.
Crows- a great many.
Bluebird.
Kingbird.
(?) Nuthatch- (sp. ?)
Hummers- a pair.
Swallows.

June 27 From home to the end of my journey. I saw xx- Mountain Quail, Eagle, Condor or Kite. Shrike seen only in Torro Cañon.

Laureles Grade.

Wn. Fly catcher - at spring.
Jays
Wn. Red. tail.
Spurred Towhee.
Wren.
Wren Tit.
Cal. Towhee.
Quail 2. half grown. 1 ad. ♂.
Wn. Lark Sparrow - 6 - top of grade.
Anna's Hummer - 2.
Goldfinches - 2.
Turkey Vulture.

Torro Cañon.

Bluebird. a good many seen.
House Finches - several.
Black Phoebe.
Wn. Wood Pewee.

1899. Woodpecker.
Brewers Blackbirds. in flocks.
Calif. Shrike. one.
Meadowlark.

Eastroville - Cal.

July-4 Thrasher. Cal. set - 2/3.
Snowy Plover. 2/3.
Sea B. ? only one. (see note of July-2 in Field Notes)
Killdeer - several.
Plover - many in bands near river mouths - several pairs at nesting place.
Wren Tit - in brush near river mouth.
Russet-backed Thrush - 2 or 3 heard in the brush near mouth of river.
Goldfinch - 1/4.
Song Sparrow - 1/4.
Blackbird - no eggs in several nests examined
Ducks - 3 seen flying.
No coots as yet.
Barn Swallows - nest with 3 eggs.

Castroville- Monterey Co., Cal- U.S.A.

1899.

July 5- Mexican Horned Lark- 100 or more - Espinosa Lake.
Brewer's Blackbird - 12. Espinosa Lake.
Arkansas Goldfinch- 2 or 3- Espinosa L.
House Finch- 3 or 4.
Cliff Swallows- numerous- everywhere.
Barn Swallows- 2. Mulligan Hill.
Black Phoebe- 2- Castroville.
Burrowing Owl- one Espinosa Lake.
Am. Crow- Morro Bojo- 7.
Ducks- 50 or more- Slough near Castroville.

July 6. Horned Larks- many- no large flocks.
Brewer's Blackbird- several flocks of a doz.
Arkansas Goldfinch- Tembladero- 100-120 more.
House Finch- a pair-
Western Red-tail- 1- Espinosa Lake.
Cliff Swallow- many.
Black Phoebe- 1- Tembladero-
Am. Crow- 7- Morro Bojo.
Song Sparrow- 1 or 2. Tembladero-
Russet-backed Thrush- heard one Temb. S.
Great Blue Heron- 2- Espinosa Lake.

Castroville Cal

Mulligan Hill - one -
Heron - Night - 2 flying - Mulligan Hill

Have been hauling hay from near Castroville to Reiters place (on the Morro Cojo Ranch
July 5 - Russet-backed Thrush - one post at Reiters ranch. About July 20 saw the first very large flock of Blackbirds I have seen this year. Burrowing Owl - 2 or 3 nearly every day.
Song Sparrow - generally seen daily.
Horned Larks - a few seen.
Dessert Sparrow Hawk - a few -
Wn. Red tail - seen several times.
Gt. Blue Heron - 1 or 2 nearly every day.
Wn. Meadowlark - only 2 or 3 seen.
About July 8 Sparrows nest in shock of hay.
White-tailed Kite - one seen on Morro Bay several times about July 20th I think for the first time.
Hawks - once or twice a medium sized bird was seen - I could not identify it.

Castroville-Cal.

Am. Coot- seen every day from about July 20th on Espinosa Lake.
House Finches- a good many at Espinosa L/K.
30+ nests of this species had nests in old Barn & Wallows nests in Reiters barn. one contained young up to about July 20.

July 30 to August 1.-
Went from Castroville to Elmalar and returned.
Burrowing Owl- several- (Germain colony)
Brewer's Blackbird- Most of them had deserted the nesting place at Elmalar.

Aug. 2. No birds seen- stayed indoors.

Aug. 3. Kingfisher- one at Moss Landing and one at Laguna.
Gulls- a great many seen on bar near Landing.
Surf Ducks- a few seen in Slough near Landing.)

Least Terns - 20 or more near Moss L.
Gt. Blue Heron - seen at Landing.

Aug-4. Eagle. one seen at Springfield.
Anna's Hummer. a pair seen at home.
Red. bellied Hawk - 2 seen near slough at Castro's
Horned Larks - several seen on Gaffey Road.
Am. Coot - a few seen in Tembladero
Slough near Castro's.
Duck - one seen with boots - (sp?) (Black Cart-gad-wall)
Crown Sparrows. seen in numbers -
on the sand hill.

Aug. 5. Came from Castroville to Saratoga
(Santa Clara Co.) by team - Comparative
few birds seen.
Birds seen and locality as follows: -
Gt. Blue Heron - near Moss Landing.
Blk-crwd. Night Heron - one at Landing.
Kit deers 2 or 3 at Landing.
Large Cormorant. like birds seen flying
S. at Hudson's hill.

Calif. Jay at Hudson's place and elsewhere
also Road runners

(?) Jay ("Top-knot") 1st seen at Millabon Soquel

Calif. Towhees - seen at ~~Hall~~ mill

Saratoga - Santa Clara Co. - Cal.

Aug-6. Wren Tit - heard one.
Calif. Jay - several.
(?) Jay ("Top-knot") 2 or 3 heard.
Calif. Thrasher - heard.
Wn. Bluebirds - several heard.
(?) Woodpecker - one heard.
Blk-headed Grosbeak - hear.

At or near the Brother place.

Aug-7. Stevens Creek near Saratoga.
Red-shafted Flicker - heard 2 or 3 times.
(?) "Top-knot" Jay - heard.
Calif. Chickadee - these seem to be the most common of all the birds of this cañon.
Plain Titmouse - think I saw one.
(?) Woodpecker - a small one seen.
Water Ousel - one - very tame.

(8) 2 Hummers - one.
Junco - several. Thurber's probably.
No other birds seen at Stevens Ck. Except
3 Hawks or Eagles high in the air.
At Booker Place.
Calif. Jay - heard.
Wrentit - several heard.
(3) Thurber's Junco - several about camp.
(2) Partridge (Valley or Cal) - a flock - 1/2 grown - 1 killed.
Wn. Flycatcher - am quite sure I saw one
Calif. Towhee - several.
Calif. Thrasher - heard singing at morning
and evening.
Owl - one heard this evening.
No House Finches, Sparrows or Black-
birds seen.

Aug. 8. Went to Summit from Booker Place.
Few birds seen:
(?) Jay - "Top-knot" - several.
Junco prob. Thurbers - 2 or 3.
Red-shafted Flicker - one.

Cal. Bush-Tit- one flock.
Brail- one- (Cal or Gol.)

At Booker's.

Junco- prob. Thurber's.
Calif. Towhee.

Aug. 9 At Booker's Ranch.

(?) "Top knot" Jay- several.
Red. Thrasher- 1 shot- 1 heard- 1 seen.
Russet-backed Thrush- heard near creek.
Spurred Towhee- Think I heard one.
Calif. Towhee- 3 or 4.
(?) Goldfinch- heard (sp. ?)
McGillivray's Warbler- one shot- several seen. Lutescent may be found also I think.
Wren Tit- heard & seen.
Cal. or Gol. Brail- 2 shot- several seen.
Calif. Jay- 2 heard.
Flycatcher- heard- sp. ? possibly Wm. Wood Pewee.
Vigor's Wren- one shot.
(?) Junco- flock about house- probably the Thurber's variety.

Aug. 10 to 13 inclusive - no notes taken.
Few birds seen on return trips from Saratoga.

Eastonville - Col.

Aug. 14 Turkey Vulture - one
Mex. Horned Lark - several.
Studson's Sparrow - heard.
House Finch - several.

Aug. 15 At Sand Hill.
Barn Swallow - several.
Killdeer - one.
Brown Sparrows - many.
Bi gor's Wren - one - quite tame.
(?) Wren - in tules.
Song Sparrows -
Sparrows and House Finches are very plentiful about hill this morning.
Black Phoebe - one at Sand Hill 2 at Brook
Mex. Horned Lark - About a doz. seen on road to town.
Mallard female - 6 or 7 half - grown ducklings at slough near bridge on Eastonville road.

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1899.

Eastville-Calif.

Am. Coot - 2 or 3 near bridge.
Blackbirds - 100 or more near bridge.

Aug-16. Curlew - Hudsonian prob. - 4.
Gt. Blue Heron - 1 near Slough.
Mex. Horned Larks -
House Finch.
Brewer's Blackbirds - a few -
Turkey Vulture - one -
Hawk - probably Red-bellied.
No. W. n. Savanna Sparrows. seen.

Aug-17. Curlew - 1.
House Finch - many.
(?) Jule Wren (prob.) heard.
(2) Song Sparrow -
(2) Crown Sparrow.
Calif. Thrasher - heard
Turkey Vulture - one -
Black Phoebe - one.
Mex. Horned Larks - several.

1899. Castroville - Cal.

Aug. 18. Wren & Horned Larks - 100 or more seen in one flock.
House Finch several. Apparently broods of
young birds with their parents.
(2) Brown Sparrows.
(2) Song Sparrows.

Aug. 19. (2) Brown Sparrows - very common about hill.
(2) Wren - one heard plob. Vigors.
612 & 613 - common.
474e. 519 - 372 - 458 - a pair

Aug. 20. 519. Brown Sparrows. 474e.
Black - cwd. Night Heron - probably.
Vigor's Wren - heard.

Aug. 21. 519 - 458 - 719 - 581 cord - 710 - 431. 542b.
~~Anthus pensilvanicus - Am positive I saw a doz or more, the first of this season.~~
Western Savanna Sparrows - one or more seen today. I have probably overlooked them here-to-fore as they are undoubtedly

residents. 194-(one) 273 (heard)
Hyde

Aug. 22. Took a more careful look at birds today and do not think the Amn. Pipits have arrived as I failed to find them in the flock of Horned Larks in which I thought I saw them.
542b (a few) - 474e (many) 194-(1).
325-(one) 339b-(one) 554a or b or both.
581c or d. (several) 725a-(one) - 519. etc.

Aug. 23. Sea Birds - A long line seen along shore flying towards Moss Landing - Some Gulls noticed.

Aug. 24 339b. (one) - 325-(one) etc.
Think I saw a Western Yellowthroat.

Aug. 25. 431 (2) 339b. (1) - 265-(5 in flock) 458,
581c or d, 554a or b - 474e, 519, etc,
etc

1899. Castroville - Monterey Co. - Cal.

Aug-26. Nothing new or strange.

Aug-27. 431 -
Weather ~~cloudy~~ foggy - little or no wind.

Aug-28.. Curlew - 100 or 12.
431 - 474e. 542b - 519 - 554 a or b or both.
Large numbers sea birds.

Aug-29. No birds of interest.

Aug-30. Black-cwd Night Heron - several birds probably this species seen at night.

Aug-31. Curlew - several bands.
519 - 474e 554 a or b or both.

Sept-1. Curlew - a great many.

Sept-2. Curlew - 100 or more.
Gulls - several mostly dark colored.

278- a good many near beach and along river.
273-(5)-325-(11) flying near beach.
Northern Phalaropes- a great many
100 probably at river mouth, two shot.
Sandpiper- one W. or Least no doubt.
474e- a good many along beach on sand
dunes- in grain fields at sandhill etc.
194- one- in beet fields- 1 along river
perhaps same bird.
Sparrow, Finches etc- as usual.
511b- two on beach.
No Coots, Ducks or many sea
birds seen.

Sept-3. Nothing.

Sept-4. Curlew- 554a or b. 519-458 - 474e.

Sept-5. Am. Coot- one in Tembaldero slough.
519-273- 542b. etc.

Sept-6. 273- one heard late this evening (after dark)

In doors today - saw no strangers

Sept-7. 510 - A few seen which were the first I have seen near the sand-hill for some time
Curlew - 40 in band flying N. Eatere.

Sept-8. Killdeers were seen today in the alfalfa patch.

Sept-9. Killdeers - several in alfalfa.
360a One near sand-hill - 1st I have seen there for some time. 325-(1)

Sept-10. 273. 360a-(2 near) Nunes place on slough) 221-(1 same place as last.)
458-2 at bridge near Peels.
474e. (one in beet fields) 5/(several near hill. 5-2b. several in fields
501b - 30 near Tembladero slough.

Sept-11. Sand-hill and vicinity. -

(sp?) Brown Sparrows - a large flock.
273 - 16 in alfalfa. 510 - about 20.
sp. (?) 339b. - one) - 5th.
No Curlew, Ducks or other strangers

Sept-12. Am Coot - 4 in river 1st I have seen there.
325 - 3 - 194 - 1 - 510 small flock. 273 - 2 or 3 -
Curlew - heard in A.M. (?) 339b. - one -
519 - 360a - (1) - 501b. (2.) - No other birds.

Sept-13. Curlew - one. 339b. 360a one -
Gulls - 4 or 5 in flock 221 - 4 - 510 - 273

Sept-14 & 15. Went over to river mouth
to see fish poisoned by refuse
from sugar-factory.
Gulls - very abundant near fish.
Turkey Vultures - 3 or 12 " "
Gt. Blue Heron - many " "
Least Tern - one shot.

Sept-16. Ducks - large band.

Sept-17. Indoors all day.

Sept-18- 542b.- 510-273- etc.

Sept-19. Gulls- a few bunting for dead fish along river. 273.

Sept-20. Gulls- a few - 551b - 581 cord.

Sept-21. 273 -- in alfalfa 510 a few.
Grebe- river near switch
Curlew- 2.
Gulls- several flying along river.
581 cord - 1 near river.
Kingfisher- Think I heard one.
339b- One.

Sept. 22. Grebe seen again in river at switch
W. Yellowthroat- one near river.
Tule Wren- one in tules with last.
273- 8 or 10- mud flat near river.
554a or b- several. 581 cord - 510 - 519 ♂

Least Tern - one. 510 - 18. 325 - one.
Gull - 1 near river.
No Swallows have been seen for some time.

Sept-23. At switch - 273 - 8.
Herring Gull - one probably this sp
458 - one. 325 - one 339 - one.
Grebe - one either Pied-billed or Am. Eared
Am. Coot - several in river.
Curlew - 2 - lost in fog this morning.

Sept-24. Went over to river mouth. Large numbers of sea fowl, shore and water birds present.
Ducks - 200 in one band - also others.
Surf Ducks - several seen in breakers - 1st I have seen.
Am. Coot - Large numbers present at mouth and in river.
Grebes - about a dozen seen.
Wn or Least Sandpipers - very plen-

tuful - several large bands of 200 or more.
P. Phalaropes - 2 seen.
Heermann's Gull - several seen, that were undoubtedly this species.
Wn. or Calif. or both very common - about 50 seen - nearly one half immature.
Curlew - 18 feeding at "mouth".
273 Very common 30 to 50 seen.

Sept. 25. Gull - one or two near river.
94 - one - 325 - one - 33 q lb. one - 510 - 200 - 3 medium sized flocks - 273 - a few.

Sept. 26. 360 a two near hill. 542 lb. - one - 325 one. Ducks - one large band.

Sept. 27. Blackbirds are quite plentiful in four sized flocks. 33 q lb. one.

Sept. 28. Blackbirds quite abundant in tules of Tembladero slough.
-28. several at bridges on Salinas road.

Continued on page 1-3.

Jan - 17 - 1899.

Doubtful Species.

These are birds whose (1) identity has never been decided, (2) the correct subspecies has never been determined, (3) birds that have been shot but were not identified so as to preclude any doubt.

(2.) Song Sparrow - Heermann's or Samuels.
(2.) Junco - Thurber's or Point Pinos.
(1.) Short-eared Owl -
(2.) Jay - Steller's or Blue-fronted.
(3.) Vireos - Hutton's - Western Warbling - etc.
(2.) Thrush - Dwarf Hermit - or Audubon's Hermit -
2. Partridge - California or Valley.
(3.) Sparrow - Western Savanna.
(1.) Geese - Ducks -

Faye - 17 - 1899.

I have lately discovered that the bird I have been calling Gambel's Sparrow may be divided between two species Gambel's and Intermediate Sparrows. The Intermediate probably occurring only during the winter when they probably outnumber the Gambel's greatly.

Both the Pied-bill and the American Eared Grebe occur in our waters as two that I shot some time ago proved. Quite difficult to distinguish unless you have the dead bird.

Sayis Phoebe - one seen near Castro V.
The first I have seen this year.

Sept-29.-
Goldfinches - large flock near town.
501 b. - one at switch. 710 - heard singing.
221. several in slough.
Neo Pipits seen yet.

Sept-30- Nothing remarkable.

Finis.

Continued in